

Seeking Truth
Pursuing Innovation



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Image credits: ZJU staff and students



ZHEJIANG UNIVERSITY

A place of knowledge and
innovation since

1897

1998

A new ZJU was re-established through the
merger of the four universities.

1897

Qiyushi Academy, the predecessor
of the current ZJU, was founded.

1944

British sinologist Dr. Joseph
Needham hailed ZJU as the
"Cambridge of the East".

2017

ZJU celebrated its
120th anniversary.

1952

ZJU was split into four independent universities: Zhejiang
University, Hangzhou University, Zhejiang Agriculture University,
and Zhejiang Medical University.

Bird's-eye view of the eastern part of Zijingang Campus



President WU Zhaohui

WELCOME TO ZJU

As Asia's leading university, ZJU has a long-standing commitment to seeking truth and pursuing innovation.

The University is dedicated to nurturing high-caliber innovators and future leaders for an increasingly interconnected world; to encouraging interdisciplinary and creative research that addresses challenges the world faces today; and to translating knowledge and creativity to benefit wider communities.

Over a history spanning more than 120 years, ZJU has been firmly embedded in the dynamics of a fast-growing country, where the University's enterprising and forward-thinking ethos is recognized as an invaluable asset.

As China endeavors to build a community with a shared future for mankind, new opportunities abound in its higher education landscape. In 2017, while celebrating its 120th anniversary, ZJU was proudly selected for China's "Double First-Class" Initiative. Embarking on a new journey, ZJU is keen to further open up to the world and collaborate globally for the betterment of the public welfare.

I feel honored to be part of ZJU's traditions and aspirations, and more importantly, to work with you to make a positive impact.

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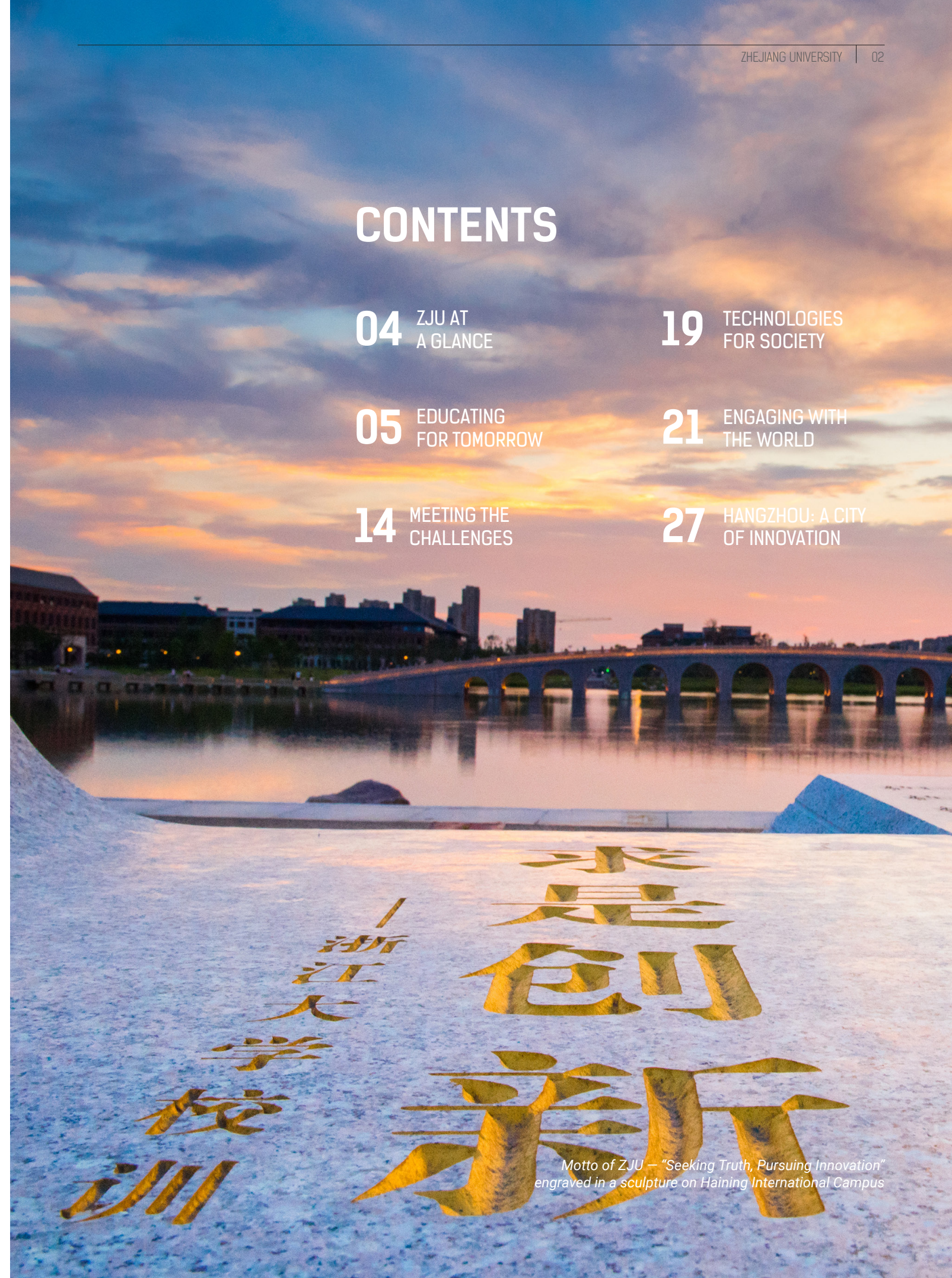
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Motto of ZJU — "Seeking Truth, Pursuing Innovation"
engraved in a sculpture on Haining International Campus

Zhoushan Campus

Huajiachi Campus

Haining International Campus

Yuquan Campus

Zijingang Campus (Main Campus)

Xixi Campus

Zhijiang Campus

ZJU AT A GLANCE

- ZJU was selected for China's "Double First-class" Initiative in 2017, a state push to construct world-class universities and first-class disciplines.
- The University is ranked #67 in the world (2018 Academic Ranking of World Universities) and is continuously soaring in global university rankings.
- ZJU is a member of Chinese prestigious C9 League, an alliance of nine leading Chinese universities committed to education and research excellence.
- Each year, more than 4,000 undergraduates participate in research training programs to gain first-hand experience in laboratories.
- ZJU is ranked #1 in China for the overall performance in student competitions of diverse subjects, according to the 2014-2018 Evaluation of Chinese Universities' Performance in Subject Competition by the China Association of Higher Education.
- The University is placed at #38 in the world by QS Graduate Employability Rankings 2019.
- ZJU is the university with the highest rate of alumni startups in China.

EDUCATING FOR TOMORROW

Thirty-seven colleges, schools and departments under seven faculties offer students boundless opportunities to pursue their passions. With an education that highlights innovation, interaction and interdisciplinarity, ZJU prepares students for complex global problems of today and tomorrow.

• SOCIAL SCIENCES

- School of Economics
- Guanghua Law School
- College of Education
- School of Management
- School of Public Affairs
- School of Marxism

• SCIENCE

- School of Mathematical Sciences
- Department of Physics
- Department of Chemistry
- School of Earth Sciences
- Department of Psychology and Behavioral Sciences

• ARTS & HUMANITIES

- School of Humanities
- School of International Studies
- College of Media and International Culture
- School of Art and Archaeology

• INFORMATION TECHNOLOGY

- College of Optical Science and Engineering
- College of Information Science and Electronic Engineering
- College of Control Science and Engineering
- College of Computer Science and Technology
- School of Software Technology
- College of Biomedical Engineering and Instrument Science

• AGRICULTURE, LIFE & ENVIRONMENT SCIENCES

- College of Life Sciences
- College of Biosystems Engineering and Food Science
- College of Environmental and Resource Sciences
- College of Agriculture and Biotechnology
- College of Animal Sciences

• ENGINEERING

- School of Mechanical Engineering
- School of Materials Science and Engineering
- College of Energy Engineering
- College of Electrical Engineering
- College of Civil Engineering and Architecture
- College of Chemical and Biological Engineering
- Ocean College
- School of Aeronautics and Astronautics
- Department of Polymer Science and Engineering

• MEDICINE & PHARMACEUTICAL SCIENCES

- School of Medicine
- College of Pharmaceutical Sciences

Study at ZJU

ZJU campuses are vibrant and welcoming. The academic life here is challenging, innovative and rewarding. Students have unlimited options to pursue their interests by choosing from a wide range of study programs, and to get involved in events and activities that interest them.

STUDENT-CENTERED LEARNING

ZJU is one of the most prestigious research and learning institutions in the country. We offer a student-centered education that inspires the academically motivated, intellectually curious, and socially conscious students. Here we promote the integration of “four learning spaces”:

- diverse classroom experiences to inspire learning and facilitate the exchange of ideas
- numerous on-campus activities to nurture and bond individuals
- social practices and volunteer work to serve local communities
- outbound exchange programs to broaden perspectives



128
UNDERGRADUATE
PROGRAMS



152
GRADUATE PROGRAMS

1,400+
STUDENT RESEARCH
TRAINING PROGRAM (SRTP)
PROJECTS



450+
STUDENTS' OVERSEAS
AND OUTBOUND
EXCHANGE PROGRAMS



ENGLISH-TAUGHT DEGREE PROGRAMS

As part of our continuing efforts to welcome international students, ZJU offers an attractive array of degree programs taught in English. Our popular programs include:

• PROGRAM IN INNOVATION, ENTREPRENEURSHIP AND GLOBAL LEADERSHIP (PIEGL)

Jointly developed by ZJU's International Campus and School of Management, the Program in Innovation, Entrepreneurship and Global Leadership (PIEGL) is a two-year master's degree program taught in English. It aims to recruit people who are interested in innovation and entrepreneurship from all over the world, and help them understand the Chinese development story as well as create global business knowledge.

“PIEGL welcomes the brightest minds from across the world to create a community that is diverse, vibrant and multi-cultural.”

—— Simöhn Engelbrecht, South Africa

In June 2018, the “Mon Then Lads” team, consisting of four students from PIEGL, was proud to make it to the top 5 in the 2018 Siam Commercial Bank Future Leader Competition.



• MEDICAL BACHELOR & BACHELOR OF SURGERY PROGRAM (MBBS)

With innovative courses of high quality, the program aims to help students acquire an extensive medical knowledge while laying a solid foundation for their further study. To obtain an MBBS degree, students are required to complete three years of pre-clinical courses plus three years of clinical practice.

“Our professors are of the best; they never fail to surprise me with their way of communication. If I ever had any problem, I'd go directly and ask them to solve my doubts, and they are always helpful.”

—— Zahraa SH.Hmood, Iraq



SUMMER OPPORTUNITIES FOR INTERNATIONAL STUDENTS

ZJU international summer schools attract students from all around the world and offer a truly global experience for participants from diverse backgrounds and cultures.



"Idea Explorer" Innovation & Entrepreneurship Global Summer Camp is a unique three-week program which offers participants an opportunity to understand the entrepreneurial China in one of China's most dynamic areas.

"Fantastic three weeks, with helpful and cheerful professors, mentors and volunteers. The survival China lectures were probably among the most fun lectures, and the ordinary lectures provided good knowledge with great importance for entrepreneurship."

—— Adam Oskarsson, an undergraduate student from Lund University, Sweden

Hosted by the Ocean College, [Ocean Youth Camp](#) takes place over two weeks on the coastal Zhoushan Campus, 500 meters from the East China Sea. Under the theme "For A Better Ocean Future", various activities are designed to provide participants with an insight into ocean science and engineering.

"Ocean research calls for collaboration. Everyone here can contribute to the development of regional and global ocean research. I'm very pleased to meet friends equally interested in this field."

—— Suppakarn Jandang, a PhD candidate from Chulalongkorn University, Thailand



Launched by the School of Software Technology, [Zhejiang University International Education-Research-Industry Program \(ZIERIP\)](#) is open to master's and PhD students from top universities in the world. ZIERIP integrates academic and cultural training at ZJU with a 10-week internship at top tech companies in China, such as Alibaba Group.

"It's a good mix of culture, company exposure, and lectures on different computer science topics. Very diverse...really relevant."

—— Mya Pless Havard, a master's student from Stanford University, the United States



Zhejiang University Library

A Window to the World

Zhejiang University Library is one of the oldest university libraries in China. For more than a century, it has been at the center of intellectual life on campus, enabling scholarship, interdisciplinary research and creative endeavor.

2.45 million
e-books

86,000 square
meters

5 branch
libraries

7.78 million
volumes

146,000 full-text
journals



Qianlong Emperor's Copperplate Engraving
of the "Conquest of Western Regions"

Museum of Art and Archaeology

Officially Open in September 2019

The mission of Zhejiang University Museum of Art and Archaeology (ZUMAA) is to support and enhance education and research at ZJU.

Occupying an area of 8.23 acres with a floor area of 250,000 square meters, the complex is divided into two zones: the museum facilities and the academic institute. Its educational activities include exhibitions, publications, lectures, conferences, film screenings and live performances. Through collection, research, and exhibition of artwork and archaeological artifacts, the Museum seeks to elevate the aesthetic sensitivity, visual literacy and critical thinking of the ZJU community.



MEETING THE CHALLENGES

From digitally preserving murals of the 7th century for future generations, to designing the cameras for China's Chang'e-4 mission, to driving the rapid progress in clean energy option and cancer immunotherapy, Zhejiang University delivers innovative solutions to real-world problems.

A Track Record of Success

GLOBAL RECOGNITION

1st in China (8 world's top 1 % disciplines and 5 world's top 50 disciplines*)

Top 100 most innovative universities in the world (Times Higher Education 2018)

* ESI Jan, 2019

AWARD WINNING

2nd in China (91 National S&T Awards)

RESEARCH POWERHOUSE

A research powerhouse with 10 state key laboratories and 8 state engineering laboratories, ZJU attracted more than ¥ 4.0 billion in research funding in 2018

PARTNERSHIPS

40+ international joint labs/centers with private and public sectors

INNOVATION 2030

The Questions of Tomorrow Call for Multi-perspective Solutions

Convergence research — deep integration of knowledge, approaches and expertise from different disciplines is our answer to the compelling global challenges.

Capitalizing on its broad research portfolio, ZJU puts forward a university-wide framework, INNOVATION 2030, to catalyze greater collaboration among discipline clusters and propel innovation in science and technology.

— **4** projects (to date)

Brain Research and Artificial Intelligence
Quantum Information Science
Conservation of Ecology and Environment
Agricultural Breeding by Design

— **10+** disciplines

The knowledge, theories, methods, data and scientific communities of 10+ disciplines are coordinated into these projects to open up new vistas on research.

— **∞** talent

Bright minds on campus and beyond are united to communicate across disciplinary boundaries, address future challenges and embark on a new era of pioneering research.



Brain Research and Artificial Intelligence

- Research into the nature of intelligence
- Brain and cognition research
- Development of next generation AI
- Human-machine interface design



Agricultural Breeding by Design

- Research into genomic information
- Development of gene editing technology
- Building of big data platform for targeted breeding
- Innovation in crop resistance to biotic and abiotic stress



Quantum Information Science

- Quantum control and manipulation
- Quantum sensing
- Quantum imaging



Conservation of Ecology and Environment

- Alleviation of environmental impacts
- Restoration of natural ecosystems
- Development of renewable and clean energy
- Environmental big data analytics
- Institutional innovation and cultural communication

TECHNOLOGIES FOR SOCIETY

Since its inception, the University has never stopped reaching out to build a transformative and prosperous community.. Technologies from ZJU are found in the outer space as well as the foundation of China's massive infrastructure.



Restoration of Taleju Temple in Nepal



The Hong Kong-Zhuhai-Macao Bridge



High-speed trains



Composite foundation theory and its industrial applications

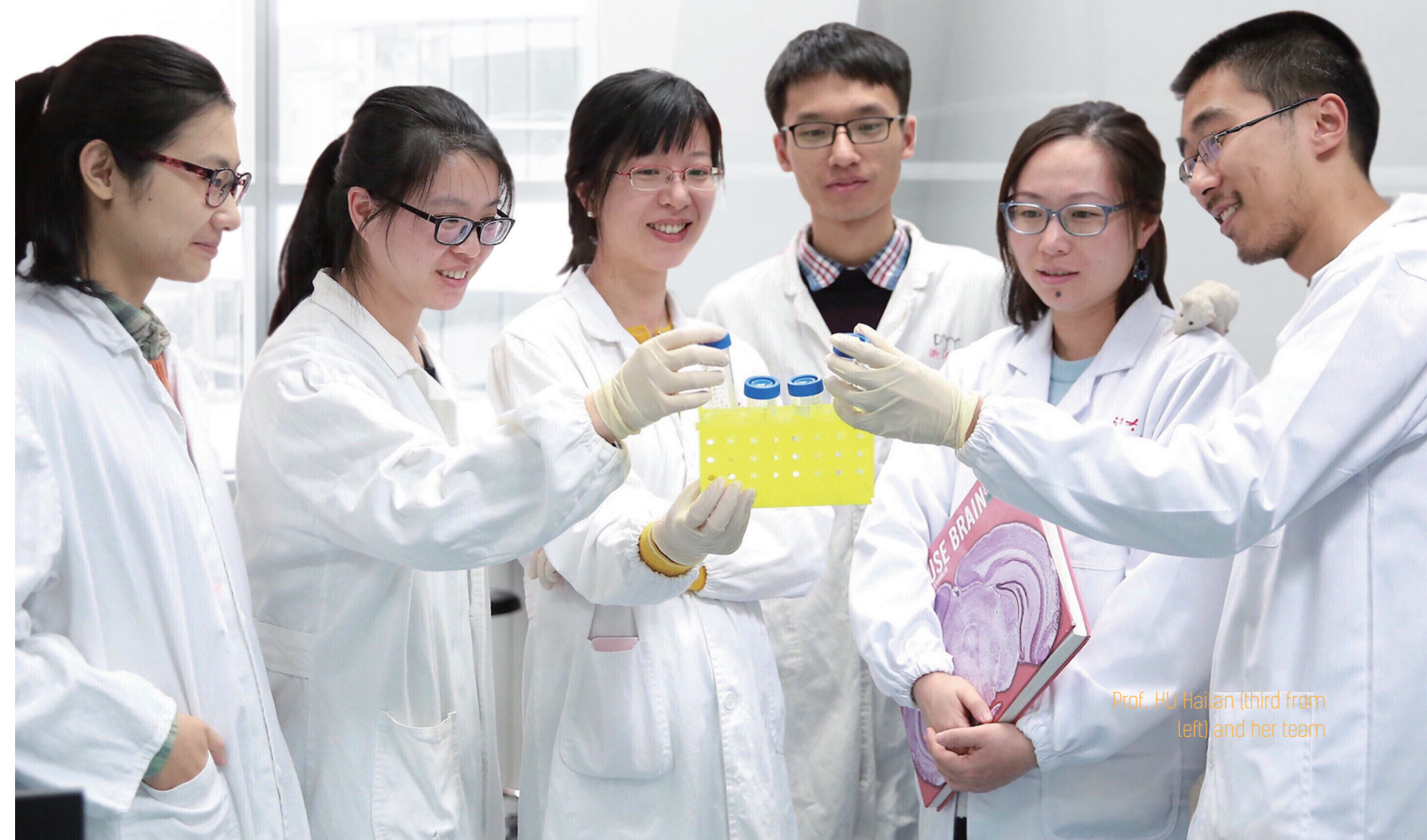
Zhejiang University National Science Park

An incubator S&T entrepreneurship and student internships.

- Founded in 2000
- Space: 70000 m²
- Spinouts: 800+
- Technologies transferred: 400+

Breakthrough in Depression Research Listed in China's Top 10 Scientific Discoveries of 2018

The research team led by Prof. HU Hailan at the School of Medicine offers a systematic explanation for the mechanism of depression. Her group found that the bursting activity of lateral habenula neurons inhibits downstream monoaminergic reward centers and drives depression-like behaviors. Their discovery on this neuronal circuit disproves the previously dominant monoamine hypothesis of depression, and provides a simple model to explain the antidepressant property of anesthetic painkiller ketamine. The work provides a framework for developing new rapid-acting antidepressants, which will benefit some 300 million people worldwide.



Prof. HU Hailan (third from left) and her team

ENGAGING WITH THE WORLD

ZJU is one of China's most international universities (SWJTU University Ranking by Internationalization 2017). The University was awarded the prestigious "International Strategy of the Year" accolade at the Times Higher Education Asia Awards 2019. At a "Global ZJU", we are working with our partners worldwide to enhance student mobility, faculty exchange, and substantial research collaboration.

180+

Global partners in six continents

140+

Alumni chapters in and outside China

Culture

Research

Administrative support

Education

Talent

Engagement

Global Strategy

As the world is trending towards increasing interdependence and diminishing borders, we envision that ZJU will be a more visible, attractive and engaged contributor in the global higher education arena.

In July 2018, the University released its global strategy "**Global ZJU: CREATE to Impact**", which will serve as the blueprint for ZJU's global endeavors.

A global community

Each of ZJU campuses is an intellectual destination, bringing together a diverse community of students, faculty and staff. ZJU students live on campus, learn with the best and brightest, immerse themselves in inter-cultural communities and engage in multiple interests.

INSPIRE AND ENGAGE

From Global Lecture Series to Original Courses, ZJU draws notable foreign scholars to campus each year. These initiatives increase students' access to a leading community of scholars and scientists.

COLLABORATE TO CREATE

With our global partners, ZJU has established over 40 joint research centers. Many of these are based in ZJU campuses, offering students opportunities to become fearless innovators and creative problem solvers.



SHARE AND SHAPE

Every year, ZJU hosts a series of high-level international conferences and forums encompassing diverse subjects. Participants experience rich and lively cultures in both the University and the city.

CONNECT ACROSS CULTURES

ZJU students are known to engage in multiple interests. The large international student body and an increasingly globalized city of Hangzhou make it easier to form a culturally interconnected community at ZJU.

Haining International Campus

Located in the city of Haining and 80 km from the main campus, ZJU's International Campus was officially inaugurated in October 2017. The campus adopts a "1+X" approach, where ZJU partners with multiple world-renowned universities to develop new models of transnational education.

As a strategic initiative of the University, the campus seeks to combine the best education practices of East and West to cultivate future leaders with a global vision.



QUICK FACTS

2 JOINT INSTITUTES



ZJU-UIUC Institute (ZJUI)



ZJU-UoE Institute (ZJE)



8 DEGREE PROGRAMS

Electrical Engineering	Computer Engineering	Civil Engineering	Mechanical Engineering
Biomedical Sciences	Biomedical Informatics	China Studies	Innovation, Entrepreneurship & Global Leadership

1 JOINT RESEARCH CENTER

ZJU-Imperial Joint Lab for Applied Data Science

1 BUSINESS SCHOOL

Zhejiang University International Business School (ZIBS)

DIVERSE STUDENT PROFILE

The International Campus has attracted over 750 students from 65 countries.



INTERNATIONAL LEARNING EXPERIENCE

Campus with an international atmosphere

Leading global faculty

Enriching extra-curricular activities

Diverse student profile



CHEN Haonan, China

"My life in ZJUI is fantastic. Our institute encourages us to try to realize our ideas, and it raises our awareness of social responsibility. It will be one of the most important experiences in my whole life."



Becky Nyle, Sri Lanka

"There is a friendly and supportive learning environment. The international environment is really amazing, and it helps us to explore different cultures and traditions across the globe. There are also massive opportunities to get involved in Chinese cultural activities organized by student committees and the Residential College."



Luis Angel Ceballos, the United States

"Being some of the first students on this campus gives us an opportunity to be the pioneers of campus culture. I was fortunate enough to join the International Student Council, working with my peers in conjunction with the administration to create an environment suitable for students of all different backgrounds. Aside from the ISC, there are many different ways to get involved, all you have to do is ask or create!"

HANGZHOU: A CITY OF INNOVATION

"It is without a doubt the finest and most splendid city in the world."

Marco Polo, Italian merchant, explorer and writer (1254-1324)

Hangzhou, "the City of Heaven", was Marco Polo's favorite city in China. Fast forward 800 years and his words still ring true. Hangzhou has been consistently ranked among the top three most attractive Chinese cities for foreigners. A city with a long history and a hub for innovation, Hangzhou has something for everyone!

QUICK FACTS

Hangzhou is listed as one of the Seven Ancient Capitals of China. Today it is the capital of Zhejiang province.

With a population of 9.5 million people, Hangzhou has joined the club of China's new first-tier cities.

Powered more by services and advanced industry, the city shows a possible model for China's new economy.

ATTRACTIONS OF ANTIQUITY

The city retains many of its historical and cultural heritage. It boasts two UNESCO world heritage sites – the West Lake and the Beijing-Hangzhou Grand Canal.

A HUB OF INNOVATION

Hangzhou is the base for the e-commerce giant Alibaba. It is also home to venture capital funds, big data firms, and hundreds of technology-linked companies.

PROUD HOSTS

Hangzhou was the host of the 2016 G20 Summit, the first ever G20 summit in China. The city will also host the 2022 Asian Games. Each year, it hosts various events including West Lake Expo, China International Cartoon and Animation Festival, and Hangzhou International Marathon.

