



ZHEJIANG UNIVERSITY



UNIVERSITY OF SCIENCE  
AND TECHNOLOGY OF CHINA

# GLOBAL RESEARCH IMMERSION PROGRAM FOR YOUNG SCIENTISTS (GRIPS)

To Join 4 Top Chinese Universities in Yangtze River Delta

June - August 2024



HEFEI

NANJING

SHANGHAI

HANGZHOU



FUDAN UNIVERSITY



NANJING UNIVERSITY

# OVERVIEW

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GripS is the cutting-edge research program set against the vibrant backdrop of the Yangtze River Delta, hosted by four prestigious universities in China.

Immerse yourself in an unparalleled research experience, discovering the region's innovative potential, and join a community of global thinkers who are actively shaping the future. Elevate your undergraduate journey with GripS in summer 2024 – where discovery meets destination.

**Program Date** June – August 2024

**Research Language** English

**Application Deadline** 17 March 2024

# PROGRAM HIGHLIGHTS

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- Research experience with high-caliber professors and researchers
- Waived tuition and registration fees
- Scholarship for excellent students
- Free access to campus facilities
- Certificate of Participation and Performance Evaluation
- International students who apply for degree programs in the future will be given priority for winning a sponsorship

# ELIGIBILITY REQUIREMENTS

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Undergraduates who are registered full-time at their home university;

Complete at least two years of undergraduate study at home university, preferably Grade 3 undergraduates in a related discipline;

Academic Excellence with a CGPA (Cumulative Grade Point Average) of 'B' or above;

English Proficiency of TOEFL iBT 85, IELTS (Ac) 6.0 or above, for non-native English speakers.

# APPLICATION MATERIALS

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Online application form

Official transcript

Resume

Statement of purpose

One recommendation letter

Other supporting materials



## APPLY NOW!

# UNIVERSITIES AT A GLANCE

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## ZHEJIANG UNIVERSITY

Zhejiang University (ZJU) is a leading higher education institution in China, as well as one of its oldest. Its roots can be traced back to 1897 and the founding of the Qishi Academy. Located in Hangzhou – "the City of Heaven" with a long history and a hub for innovation in the Yangtze River Delta – ZJU has 7 faculties, 39 colleges/schools and 7 affiliated hospitals. Internationally, ESI data show that ZJU is among the world's top 0.1% in ten fields, including Chemistry, Engineering and Clinical Medicine. Welcome to ZJU to seek truth and pursue innovation. It has something for everyone!

## UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA



The University of Science and Technology of China (USTC), regarded as the Cradle of Creative Minds, was established by the Chinese Academy of Sciences (CAS) in 1958. Ever since then, it has continuously served the nation as an innovator in quality education and scientific research by focusing on exploring new frontiers in science and nurturing young talents with global perspectives. Now the University is home to 16245 gifted students and 2050 dedicated faculty members, and offers customizable programs and exceptional extracurricular activities to all students. USTC is the only university that operates two national laboratories on campus. In the Nature Index 2024, USTC was ranked Top 2 in the global universities.

# UNIVERSITIES AT A GLANCE

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## FUDAN UNIVERSITY

Founded in 1905 as Fudan Public School, Fudan University is the first higher education institution founded by Chinese scholars to serve as an institutional space guaranteeing scholarly excellence and academic independence. Fudan University is a research-oriented comprehensive university renowned both at home and abroad for its humanities, sciences, social sciences, engineering and medical sciences, ranking within the top 5% of universities in the world with 34th in the QS ranking and 70th in THE ranking in 2021.

Fudan boasts 4 campuses and 18 affiliated hospitals. It also provides 6 libraries and more than ten stadiums.

## NANJING UNIVERSITY



Nanjing University (NJU) is situated in the UNESCO City of Literature, Nanjing, a major culture, education and arts hub in the Yangtze River Delta. Founded in 1902, NJU is one of the oldest and most prestigious institutions of higher learning in China. Today it sits with the world's top universities, reaching 73rd in the THE rankings 2024. NJU has four main campuses: Gulou, Xianlin, Pukou in Nanjing, and a new campus in Suzhou opened in 2023. As a comprehensive and research-intensive university, NJU offers multiple opportunities for international students, including degree programs, university-wide exchange, summer schools and visiting research student program. Welcome to Nanjing University and embrace a different learning experience!

# PROGRAM LIST FOR GRIPS

## Engineering & Technology

University	Lab	PI Name	Duration
Fudan University	Intelligent Software Engineering and System Lab	Xin Peng	4 Weeks
	DataNET Group	Yang Chen	4 Weeks
	Intelligent Electronics and Systems Laboratory	Zhuo Zou	4 Weeks
University of Science and Technology of China	Thermal Transport and Energy and Conversion Lab	Hao Ma	8 Weeks
	Soft Transducers and Intelligent Systems Lab	Hongbo Wang	8 Weeks
	LINKE - Lab for Intelligent Networking and Knowledge Engineering	Jiahui Hou	8 Weeks
	Lab of Soft Robotics	Liu Wang	8 Weeks
	Algorithms and Theory for Big Data and Graphs (AntBag)	Pan Peng	8 Weeks
	LINKE - Lab for Intelligent Networking and Knowledge Engineering	Qi Song	8 Weeks
	High Energy Density Fluid Physics Lab	Rui Yan	8 Weeks
	School of Computer Science and Technology	Shuai Shao	8 Weeks
	Robotics and Intelligent Equipment Lab	Shuaishuai Sun	8 Weeks
	Edge Computing Group	Xiaohua Xu	8 Weeks
Randomized Algorithms Lab	Xue Chen	8 Weeks	

University	Lab	PI Name	Duration
Zhejiang University	Institute of Smart Sensors and micro/nano Systems, Bioelectronics Research Center	Jikui Luo	8 Weeks
	Networked Sensing and Control (NeSC)	Jiming Chen	8 Weeks
	Power Electronic Devices Laboratory	Kuang Sheng	8 Weeks
	Lab Name: National Key Laboratory of Blockchain and Data Security	Kui Ren	8 Weeks
	Intelligent materials and processing Lab	Peng Zhao	8 Weeks
	Intelligent Robotics Laboratory	Rong Xiong	8 Weeks

## ❖ Interdisciplinary Science

University	Lab	PI Name	Duration
Fudan University	Neural Engineering Centre	Shouyan Wang	4 Weeks
Zhejiang University	GuLab	Baojing Gu	8 Weeks
	Smart Urban Future Lab	Der-Horng Lee	8 Weeks
	Environmental Biotechnology Lab	Heping Zhao	8 Weeks
	Soft Matter and Robotics	Tiefeng Li	8 Weeks
	3D Bioprinting Lab	Yong He	8 Weeks

## ❖ Life Science and Medicine

University	Lab	PI Name	Duration
Nanjing University	Computational Biology Group	Dijun Chen	6 Weeks
	Lab of Bioinformatics and RNA Genomics	Jiayu Chen	4 Weeks
	M3 Lab	Zhen Zhou	6 Weeks
Zhejiang University	Advanced MRI Technology	Dan Wu	8 Weeks
	Perioperative and Systems Medicine	Daqing Ma	8 Weeks
	Chan Lab	Francis Kaming Chan	8 Weeks
	Xu Lab	Haoxin Xu	8 Weeks
	Imedication Lab	Zhen Gu	8 Weeks

## ❖ Natural Science

University	Lab	PI Name	Duration
Fudan University	Laboratory of Advanced Materials, Department of Chemistry	Dongyuan Zhao	4 Weeks
	Institute of Atmospheric Sciences	Mu Mu	4 Weeks
	Mesoenergy Lab	Wei Li	4 Weeks
	Research Institute of Intelligent Complex Systems	Wei Lin	4 Weeks
	Zhang & Ruan Lab	Wei Ruan	4 Weeks
	Zhang & Ruan Lab	Yuanbo Zhang	4 Weeks



University	Lab	PI Name	Duration
Nanjing University	Environmental Interface Chemistry Research Lab	Cheng Gu	4 Weeks
	Atmospheric Greenhouse Gas Research Lab	Huilin Chen	4 Weeks
	Key Laboratory of Mesoscale Severe Weather	Huiling Yuan	6 Weeks
	Pollutants biogeochemistry and environmental remediation	Jun Luo	4 Weeks
	Key Laboratory of Mesoscale Severe Weather	Lili Lei	4 Weeks
	Joint International research Laboratory of Atmospheric and Earth System Sciences	Minghuai Wang	6 Weeks
	Environmental Process and Global Change Lab	Rong Ji	8 Weeks
	Eco-Toxicology and Health Risk Research Lab	Xiaowei Zhang	8 Weeks
University of Science and Technology of China	Climate dynamics	Yang Zhang	4 Weeks
	SCAI Lab	Jingrun Chen	8 Weeks
	Graphics&Geometric Computing Laboratory (GCL)	Juyong Zhang	8 Weeks
	Graphics & Geometric Computing	Renjie Chen	8 Weeks
	School of Mathematical Sciences	Shiping Liu	8 Weeks
Zhejiang University	Graphics&Geometric Computing Laboratory	Xiao-Ming Fu	8 Weeks
	Composites (InCSI)	Huaxin Peng	8 Weeks
	Nanosilicon Lab	Wei Sun	8 Weeks
	Peng Group	Xiaogang Peng	8 Weeks

## ❖ Social Science

University	Lab	PI Name	Duration
Zhejiang University	Brain Inspired Education Lab	Fengji Geng	8 Weeks
	Emotion and Culture Lab	Xia Fang	8 Weeks

