



TONGJI UNIVERSITY

A home for global talented researchers

A key research-intensive university in China, Tongji University is among the first universities to establish graduate schools approved by the Chinese State Council. For over a century, Tongji has embodied excellence in education, research, outreach, internationalization, cultural inheritance and innovation.

Tongji University's history dates back to 1907 when a German doctor, Erich Paulun, established the Tongji German Medical School in Shanghai. In 1912, it was renamed Tongji German Medical and Engineering School when engineering disciplines were added to the curriculum.

The university has grown into a comprehensive, research-intensive and internationally renowned institution with ten major disciplines (engineering, science, medicine, management, economics, philosophy, literature, law, education and the arts). The number of faculty stands at 2,770, of whom 930 are professors and 1,063 are associate professors. The university has 17,474 full-time undergradu-

ate students, 13,812 graduate students and 4,524 PhD candidates. 1,748 international students are pursuing degrees at the university.

The university offers 76 undergraduate majors (50 of which are enrolling students according to 17 broad disciplinary categories). It offers master degrees in 56 broad academic disciplines, 17 professional master's programmes and 26 engineering master's programmes. The university can award PhD degrees in 28 broad academic disciplines with 3 professional PhD programmes and 25 post-doctoral research stations.

In the 2012 ranking of disciplines by the Chinese Ministry of Education, seven disciplines at Tongji University ranked in the top three in the country and nine ranked in the top five. In the 2016 Thomson Reuters' Essential Science Indicators, nine disciplines at Tongji University were in the global top 1 per cent. Six disciplines (civil engineering, urban planning, marine science, transportation, design, and environmental science and engineering) received municipal funding as Shanghai Peak Disciplines.

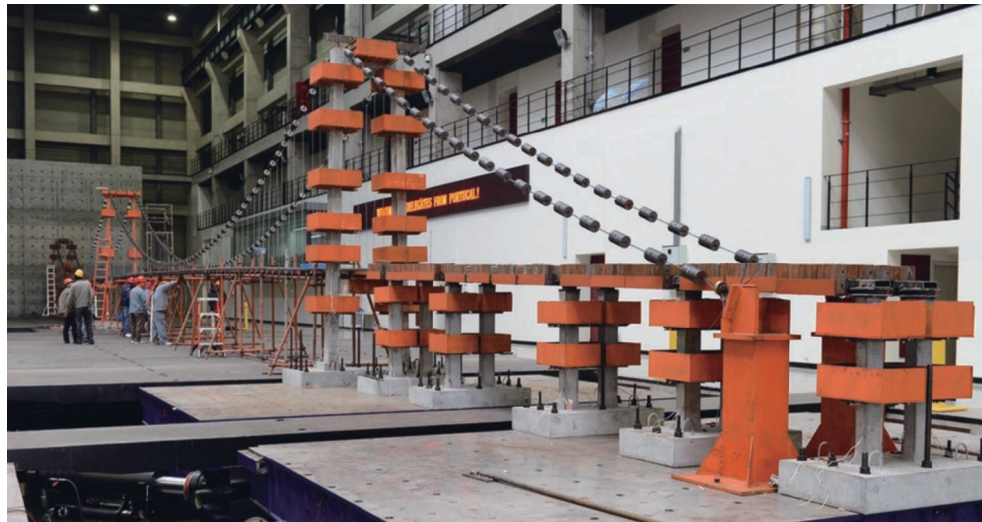
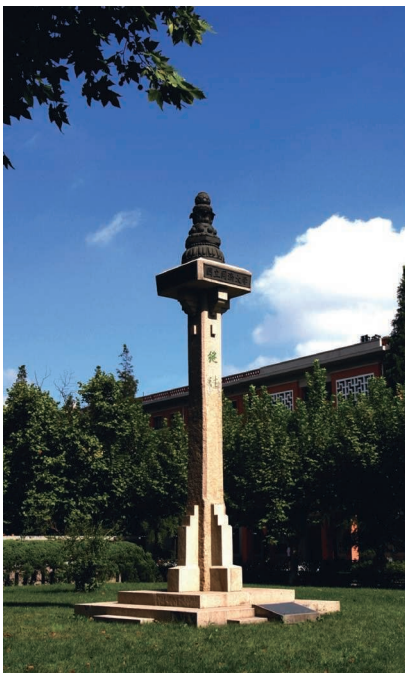


The university has three State Key Laboratories (Disaster Prevention of Civil Engineering, Pollution Control and Resources Reuse, and Marine Geology), five National Engineering (Technology) Research Centers (Urban Pollution Control, Fuel Cell Vehicle and Powertrain System, Maglev Transportation, Facility Agriculture and Civil Structural Prefabrication), twenty-eight ministerial/provincial-level key laboratories and engineering (technology) research centres, seven affiliated hospitals and four affiliated high schools.

The science and technology infrastructural construction project National Seafloor Long-term Observation System is led by Tongji University and is based in Shanghai. The development of the Innovation Center of Smart New Energy Automobile is progressing smoothly. The university's International Joint Laboratory of Earthquake Engineering, which is a collaboration with universities and research institutes in the USA, Japan and Italy, has been accredited by the Chinese Ministry of Education.

Currently, Tongji University has 16 academicians of the Chinese Academy of Science and Chinese Academy of Engineering; 40 experts and 49 young researchers in the Thousand-Talent Project of the Organization Department of the Central Committee of the CPC; 40 Yangtze-River Scholars of the Ministry of Education; 38 winners of the National Science Fund for Distinguished Young Scholars; 17 winners of the National Science Fund for Outstanding Young Scholars; 3 finalists in the Young Talent Support Project of the Organization Department of the Central Committee of the CPC; and 26 experts in the Shanghai Thousand-Talent Project.

Between 2011 and 2015, many faculty members received national and international academic honours, including the Davenport Award of the International Wind Engineering Association, the Sofia Award of the German Alexander Von



Humboldt Foundation (first Chinese winner), the Ho Leung Ho Lee Award, the Tan Kah Kee Science Award in Life Sciences, the Tan Jiazhen Life Science Award and the Sun Yefang Prize in Economic Science (the top accolade for economics in China).

The university's annual research budget exceeds 2 billion RMB. In 2015, 400 of its projects were approved by the National Science Fund, and the university was ranked 12th for project quantity among Chinese universities. It received 200 million RMB in research funding — the 10th highest in China.

During the five-year period 2011–2015, Tongji University received 15 national awards. It also published many academic articles in world-leading journals, such as the first paper published in Nature by Chinese researchers in the field of marine geology and the third paper published in Reviews of Modern Physics with a first author from mainland China.

Invitation to talented researchers

To further consolidate its expert research base and to become a first-class global university, Tongji University will continue to recruit talented researchers from around the world.

Projects accepting applications include the Thousand Talent Project of the Ministry of Education (long term, short term and young talents), Yangtze River Scholarships (distinguished professors and young scholars), Tongji University's Hundred Young Talent Project, the For-

eign Thousand Experts Project, and the High-end Foreign Expert Project.

Academic fields include civil engineering, water conservation, geology, surveying and mapping, architecture, environmental engineering, energy, mechanical engineering, control engineering, computing, electronics and electrical engineering, material science, life science, medicine, aerospace, transportation, marine science, automobile engineering, mathematics, physics, chemistry, economics, management, philosophy, law, politics, literature (both Chinese and non-Chinese literature), innovation design, software engineering, and other emerging disciplines and interdisciplinary fields. Applicants should apply to the relevant school or college directly.



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