

CITY UNIVERSITY OF HONG KONG
Post Specification for Dean, College of Engineering (to be set up)

The University

City University of Hong Kong (CityU) is funded by the Government of the Hong Kong Special Administrative Region through the University Grants Committee of Hong Kong. As a publicly-funded institution, the University is committed to nurturing and developing students' talents and creating applicable knowledge to support social and economic advancement. CityU is a dynamic, fast-growing university that is pursuing excellence in research and professional education. CityU has a growing international reputation and aspires to become a leading global university. It has made giant strides in the recent world university ranking exercises. It has been ranked 49th in world university rankings, and 4th among the world's top 50 universities under the age of 50 in the Quacquarelli Symonds (QS) 2018 survey. Besides, it has been ranked 1st in Engineering/Technology/Computer Sciences in Hong Kong according to ARWU 2016 survey, and 2nd Business School in Asia-Pacific region according to UT Dallas 2017 survey.

Academic Structure

The University has four Colleges (Business, Liberal Arts and Social Sciences, Science and Engineering, Veterinary Medicine and Life Sciences) and three Schools (Creative Media, Energy and Environment, Law). The University offers a wide range of undergraduate and postgraduate degree programmes. The Bachelor of Veterinary Medicine programme commencing in the academic year 2017/18 represents a milestone in the development of veterinary education in Hong Kong and the region.

The Chow Yei Ching School of Graduate Studies strengthens the operation and development of all postgraduate programmes and fosters a nurturing ambiance for graduate studies.

The College of Science and Engineering has a strong international reputation in research. To spur further development in cutting-edge research and professional education in the respective specialized areas of science and engineering, the College will be restructured to form two separate Colleges, namely the **College of Science** and the **College of Engineering** expected in September 2018, to focus on their respective areas of development in both research and education.

The Campus

Strategically located in Hong Kong, the University is close to the Kowloon Tong station of the Mass Transit Railway and is readily accessible from all parts of the city. Its purpose-built campus offers state-of-the-art learning, teaching and research facilities in a high-technology environment, supported by an advanced computing network system. All facilities are within easy distance, enabling active staff-student interactions and participation in various on-campus activities.

The University has launched ambitious campus development plans to make better use of available space and provide top-quality facilities for its faculty and students. The state-of-the-art Run Run Shaw Creative Media Centre building, Li Dak Sum Yip Yio Chin Academic Building and Lau Ming Wai Academic Building were completed. These projects collectively add 60 percent more space to the campus for academic pursuits.

Quality Education

The University offers professional education to prepare its students for the challenges and exciting opportunities emerging in Hong Kong, the Asia-Pacific region and throughout the world. Through its extensive links with relevant industries, the University provides opportunities for students to work with and learn from professionals in the workplace.

The University has a strong team of experienced, globally-recruited academic staff with diverse research interests and professional expertise. Employing interactive, IT-based teaching methodologies, students acquire a first-rate grounding in their chosen subjects and the life-long learning skills needed for the real world. The University's unique Discovery-enriched Curriculum has the goal of giving all students the chance to make an original discovery.

Research

The University sees research as one of the key elements in its strategy to become a leading university in the region. The University concentrates its resources to achieve excellence in selected areas of research, and focuses on applied research with direct local and regional relevance. Over the past few years, the University has secured significant external funding from the University Grants Committee's General Research Fund and other sources to pursue relevant projects. Research institutes/centres have been established to provide the focus for interdisciplinary research in selected areas with the capacity and potential for international competitiveness.

An **Institute for Advanced Study** has been set up to gather some of the best minds in science and engineering, to pursue curiosity-driven ideas and studies, and to conduct unfettered research based on free and deep thinking. The University also obtained approval from the Ministry of Science and Technology of China to establish two State Key Laboratories and one Chinese National Engineering Research Center at the University: the **State Key Laboratory of Millimeter Waves**, the **State Key Laboratory in Marine Pollution** and the **Hong Kong Branch of National Precious Metals Material Engineering Research Center**. To extend the University's research impact beyond Hong Kong, two institutes are set up in the Mainland China, the **Shenzhen Research Institute** and the **Chengdu Research Institute**, providing permanent platforms for the research and development, incubation and innovation, as well as professional education and training in the Mainland.

(More information about the University is available at <http://www.cityu.edu.hk>)

College of Engineering (to be set up)

The new College of Engineering comprises seven constituent units providing quality education programmes with an emphasis on interdisciplinary studies: Architecture and Civil Engineering; Computer Science; Electronic Engineering; Materials Science and Engineering; Mechanical and Biomedical Engineering; Systems Engineering and Engineering Management; and Building Science and Technology.

The College will have about 230 faculty members and over 5,500 students studying at various levels, including doctoral degrees. Among our faculty are national academy members, recipients of prestigious international awards, and promising young scholars. Associated with the College are the State Key Laboratory of Millimeter Waves, the Chinese National Engineering Research Center: Hong Kong Branch of National Precious Metals Material Engineering Research Center, and a number of research centres in Nano-organic Functional Materials and Devices, Chaos and Complex Networks, Robotics and Automation, etc.

The College will be endowed with a strong international reputation in research. In engineering/technology/computer sciences, CityU was ranked 24th internationally by Academic Ranking of World Universities (ARWU 2016). The QS World University Rankings by Subject (2018) has awarded CityU within the top 50 in computer science & information systems and engineering – civil & structural, and within the top 100 internationally in architecture/built environment, engineering – electrical & electronic, engineering – mechanical, aeronautical & manufacturing, and materials science. In engineering, the University was also ranked 1st in Hong Kong, 13th in Asia-Pacific and 17th worldwide by the Performance Ranking of Scientific Papers for World Universities by National Taiwan University Ranking (2017).

Job Specification

The Position

Title: Dean, College of Engineering

Reports to: Provost

Key Areas of Responsibility: The Dean will provide visionary, strategic leadership for the College, in alignment with the Vision, Mission and Strategic Plan of the University. In collaboration with the College's faculty and other academic units, the Dean will advance the College's academic excellence in research and professional education, and further its international standing.

Specific Responsibilities:

- (1) Contribute to the wider strategic development of the University through university-wide planning and policy development;
- (2) Provide a vision and leadership for the College for advancement in teaching and scholarship;
- (3) In collaboration with the faculty, establish new research opportunities for the College and direct its growth and development;
- (4) Provide leadership on fiscal management, faculty development, and administration of the College;
- (5) Promote innovation through the delivery of degrees at the highest standard whilst embracing new directions, ideas and opportunities;
- (6) Act as a major liaison between the College and the external community, and play an energetic role in further strengthening the College's external relationships;
- (7) Promote interdisciplinary collaborations within the College and across the campus.

The Person

Qualifications and Experience:

- (1) A doctorate degree and strong academic and professional qualifications, a distinguished record of teaching, research and scholarship, and substantial relevant experience in academic leadership roles;
- (2) Experience in representing a university effectively, with attention to its varied constituents, external bodies, and the public;
- (3) Experience in building and sustaining strong ties to a broad corporate and NGO network for programme development.

Competencies and Personal Characteristics:

- (1) Strategic thinking and planning skills coupled with strong commitment to interdisciplinary collaboration and teamwork;
- (2) Capability to provide a vision for the College, and to build on and expand the College's strengths;
- (3) Ability to attract, motivate and retain distinguished faculty members;
- (4) Outstanding management skills appropriate to working in an international environment with ability to create a shared sense of ownership, collegiality and enthusiasm among faculty and staff members;
- (5) Strong communication and networking skills to build and nurture internal and external contacts to the benefit of the College and the University.

Salary and Conditions of Service

The appointee will be offered appointment to an academic rank commensurate with qualifications and experience. The deanship appointment will be on a concurrent basis for an initial period of three years. Remuneration package will be attractive and driven by market competitiveness and individual performance. Excellent fringe benefits include gratuity, leave, medical and dental schemes, and relocation assistance (where applicable).

Application and Information

Further information on the post and the University is available at <http://www.cityu.edu.hk>.

The University is being represented in this search by the Heidrick & Struggles Hong Kong Limited. Please send the nomination or application with a current curriculum vitae to "cityu-eng@heidrick.com". **Applications and nominations received by 28 May 2018 will receive full consideration.** The University's privacy policy is available on the homepage.

Candidates are requested to supply a publication list, where appropriate, in the following manner:

- (1) List of publications under the following headings and in chronological order - books, book chapters, journal articles, conference proceedings, reports, letters or short communications. Please also list the order of authors as they appear and the percentage of contribution in such publications.
- (2) Highlight the most recent five papers or five papers containing the candidate's most significant work in the publication list with asterisks. Published reviews or citations of the work may also be provided in support of its significance.

Candidates selected for the final interview may be invited to visit the University.

City University of Hong Kong is an equal opportunity employer and we are committed to the principle of diversity.

March 2018