

## A SNAPSHOT OF SCIENCE AND TECHNOLOGY INNOVATORS IN SHENZHEN

Advertisement feature from Southern University of Science and Technology, Shenzhen University, Tsinghua-Berkeley Shenzhen Institute, Shenzhen Institutes of Advanced Technology (Chinese Academy of Sciences), Sun Yat-sen University, Agricultural Genomics Institute at Shenzhen (Chinese Academy of Agricultural Sciences), the preparation office for Harbin Institute of Technology (Shenzhen), Chipscreen Biosciences and BGI



### CHEN SHIYI

**PRESIDENT**  
SOUTHERN UNIVERSITY OF  
SCIENCE AND TECHNOLOGY

Committed to advancing science and technology and building a top-tier university, our faculty and students teach and study across 22 academic programmes. Expansion is planned to enrol 10,000 more students throughout six academic colleges. Our outstanding and highly internationalized faculty generates academic research with global impacts. Aiming for a global and entrepreneurial university, SUSTech has built strong regional and global connections that enhance academic exchange and expand our graduates' opportunities to succeed as researchers, innovators and entrepreneurs. ■

SUSTech is determined to excel in interdisciplinary research, nurture innovative talents and deliver new knowledge to the world. At SUSTech, we don't simply dream. We nurture dreamers with critical thinking, an open mindset and innovative spirits.

### CONNIE CHANG

**CO-DIRECTOR**  
TSINGHUA-BERKELEY SHENZHEN  
INSTITUTE

Over the past three decades, Tsinghua and UC-Berkeley have seen many extensive exchanges between individual professors. Synergistic, cross-disciplinary and coherent efforts are critical to enable concerted research initiatives addressing major societal and economic challenges in China and the United States, as well as around the globe.

Our vision is to build a world-class partnership to fuel economic growth with

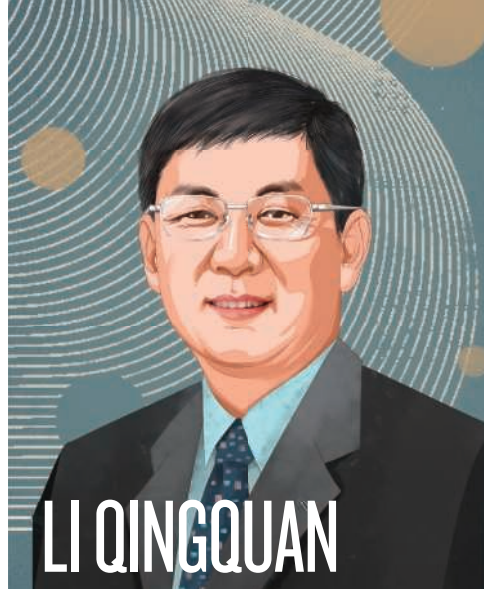


accelerated innovation through transformative, transdisciplinary, and translational research and education. We appreciate the strong support of Shenzhen Municipality to the partnership. We envision building an unprecedented platform for international collaboration and a bridge across disciplines, cultures, and countries, as well as academia and industry. ■



### KANG FEIYU

**CO-DIRECTOR**  
TSINGHUA-BERKELEY SHENZHEN  
INSTITUTE



### LI QINGQUAN

**PRESIDENT**  
SHENZHEN UNIVERSITY

Located in China's Silicon Valley - the city of Shenzhen, Shenzhen University has undergone rapid development, in tandem with the city, over the past three decades. Here at SZU, we are committed to fostering extraordinary talents with innovative and entrepreneurial spirits. Our most notable alumni include the founder of Tencent, one of the largest internet companies in the world, and many other outstanding talents who are the driving forces of local and national socioeconomic development. For the future, we will further promote innovation, internationalization and our unique characteristics, making Shenzhen University a first-class modern university. ■



### FAN JIANPING

**DIRECTOR**  
SHENZHEN INSTITUTES OF  
ADVANCED TECHNOLOGY,  
CHINESE ACADEMY OF SCIENCES

**“Young talents  
create future.”**



# LUO JUN

**PRESIDENT**  
SUN YAT-SEN UNIVERSITY

aimed to be a world-class institution. Developing the Shenzhen campus is one of our top priorities. We will make the Shenzhen campus a first-class institution with Chinese characteristics, inheriting the traditions, standards and values of SYSU.

Attracting talents is on top of the agenda for a nation to develop. We sincerely invite you to join us here at the Shenzhen campus of SYSU, to witness and join our efforts to create a new age of glory for the century-old Sun Yat-sen University. ■

**S**un Yat-sen University (SYSU) was founded by Dr. Sun Yat-sen, the founding father of modern China and is

# QIAN QIAN

**DIRECTOR GENERAL**  
AGRICULTURAL GENOMICS  
INSTITUTE AT SHENZHEN,  
CHINESE ACADEMY OF  
AGRICULTURAL SCIENCES

**A**GIS-CAAS is a government-supported scientific research organization under the Chinese Academy of Agricultural Sciences. Registered and opened in Shenzhen, it focuses on agricultural genomics, agricultural biology, molecular breeding, and agricultural and food metagenomics.

The AGIS is positioned as a platform-based institution dedicated to fundamental research and advanced industrial application. Aiming to meet national needs to develop agricultural science and technology, we are committed to address food



security, biosafety and other key issues related to national economy and people's livelihood by advancing agricultural technologies and the agriculture industry. We sincerely welcome more global talents to join us to create a world-class agricultural genomics centre. ■



# LU XIANPING

**CEO**  
CHIPSCREEN BIOSCIENCES

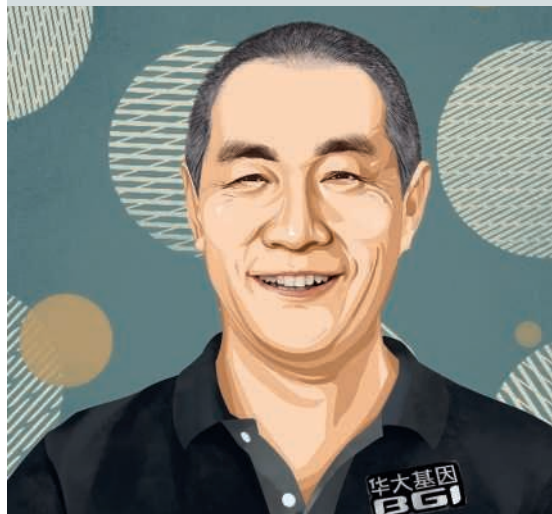
**C**hipscreen Biosciences was founded in Shenzhen, China in 2001. After years of relentless effort, we have developed core competency in making original new drugs that meet urgent needs of patients and established ourselves as an innovative biomedical enterprise, integrating research & development, drug manufacturing and marketing. Following our core



# ZHEN LIANG

**EXECUTIVE VICE DIRECTOR**  
THE PREPARATION OFFICE  
FOR HARBIN INSTITUTE OF  
TECHNOLOGY, SHENZHEN

**F**ollowing the university motto of "Strictest standards, greatest efforts" and building on the success of our Shenzhen graduate school, HIT established the Shenzhen campus in 2014. By maintaining the vigour and staying connected to industry needs, we aim to become a first-class university domestically and eventually, a world-leading institution for science and engineering. ■



**WANG JIAN** **PRESIDENT**  
BGI

**"Trans-omics  
for a better life."**

mission of making original, safe, and effective Chinese drugs, we are committed to providing patients with affordable, innovative treatments at Chipscreen. ■



# SHENZHEN UNIVERSITY: A RAPIDLY RISING UNIVERSITY

As one of the fastest rising universities in the world, **SHENZHEN UNIVERSITY** has big aspirations for the future

**Shenzhen University (SZU)** was founded in 1983 accredited by the Chinese Ministry of Education. In tandem with the Shenzhen Special Economic Zone, it has undergone rapid growth and expansion over the past three decades, and it has become a comprehensive university featuring a wide range of disciplines, excellent facilities, an outstanding faculty and strong management. As reflected in its motto “self-reliance, self-discipline and self-improvement”, SZU is committed to providing dynamic education at undergraduate, postgraduate and doctorate levels, boosting scientific research and making a great impact by engaging in social services.

SZU has two campuses, the Houhai campus and the Xili campus, and occupies a total area of 2.72 square kilometres. It has an abundance of educational resources and research facilities, including 1 National Engineering Laboratory, 2 National-Regional Key Technology Engineering Laboratories, 1 National Engineering Research Centre, 2 Ministry of Education Key Laboratories and 6 Provincial Key Laboratories.

SZU is striving to create a unique system that integrates arts with sciences, excels at applications, targets frontier issues and serves the whole society. It has 27 colleges, which offer 90 undergraduate programmes, including

theoretical economics, optical engineering, information and communication engineering, and medicine. SZU is ranked among the global top 1% in the Essential Science Indicators (ESI) subject rankings for engineering, clinical medicine and material sciences. Three of its disciplines are graded as first class in China, with optical engineering, information and communication engineering, and computer science and technology ranking 10<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> in China, respectively. The University Open Online Courses (UOOC) initiated by SZU has attracted 108 university members, having provided 154 online courses to over 200,000 users from 72 universities to date.

In the 2017 Universities Ranking of China by the Chinese University Alumni Association (CUAA), SZU is ranked 76<sup>th</sup> nationwide, up by 29 places from two years ago. The US News & World Report 2017 for universities ranks SZU 977<sup>th</sup> in the world and 84<sup>th</sup> in China. SZU’s 2017 ranking in the University Ranking by Academic Performance (URAP) is 699<sup>th</sup> in the world (up by 281 places from two years ago) and 79<sup>th</sup> in China (up by 22 places within two years), making SZU one of the fastest rising universities in the world.

Fully aware of the importance of having a strong faculty, SZU has established a vigorous and innovative faculty that are strong in



## RECRUITMENT

SZU invites **OUTSTANDING PROFESSORS AND AMBITIOUS YOUNG SCHOLARS** to join. Successful applicants will be offered highly competitive salaries and start-up funding.

### ACADEMIC OPENINGS:

The following talent recruitment programmes and open faculty positions are available for talented scholars worldwide.

### FULL-TIME POSITIONS:

- The 1000 Talents Plan: Long-term Recruitment Program for Foreign Experts, Long-term Innovative Talents and Young Professionals Recruitment Program
- Shenzhen University Distinguished Professors

### PART-TIME POSITIONS:

- The 1000 Talents Plan: Short-term Recruitment Program for Foreign Experts and Short-term Innovative Talents Program
- High-end Foreign Experts Recruitment Program
- Shenzhen University Visiting Professors

### REQUIRED QUALIFICATIONS

- Candidates should have:
- A demonstrated commitment

to excellence in teaching and research

- A proven track record of academic achievement, comparable to those of professors or associate professors in world-renowned universities
- A doctoral degree from a world-renowned university. Young and mid-career researchers are particularly encouraged to apply.

### WHAT WE OFFER:

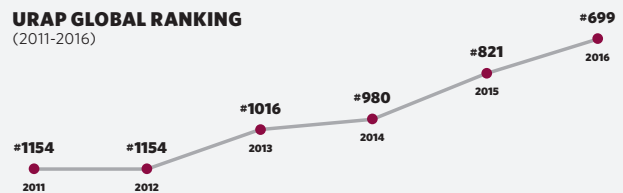
- A generous compensation package
- Internationally competitive start-up packages for research
- Large office and laboratory space with state-of-the-art facilities

### HOW TO APPLY

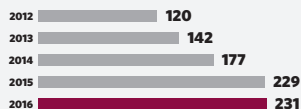
Qualified applicants are strongly encouraged to submit their applications and comprehensive CV electronically to [szuad@szu.edu.cn](mailto:szuad@szu.edu.cn).

### URAP GLOBAL RANKING

(2011-2016)



### QUICK INCREASE IN THE NUMBER OF NATIONAL NATURAL AND SOCIAL SCIENCES GRANTS



### THE NUMBER OF NATIONAL NATURAL SCIENCE GRANTS

(2016)

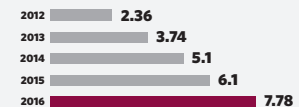


# #79

**AMONG CHINESE UNIVERSITIES**  
(by URAP 2016 ranking)

### ANNUAL INCREASE OF RESEARCH BUDGETS IS 40%, 2011-2015

(in 100 million RMB)



both research and teaching. In addition to around 2,127 full-time teachers, SZU has 18 academicians, one Nobel laureate in physiology or medicine, 3 chief scientists of the National 973 Program, 22 distinguished professors of the Changjiang Scholars Program, 61 researchers selected for the 1000 Talents Plan (including 34 selected for the 1000 Young Talents Plan), 29 winners of

the National Natural Science Fund for Distinguished Young Scholars and 13 winners of the Excellent Young Scientists Fund by the National Natural Science Foundation of China.

Driven by a university-wide reform of research, SZU's research projects and funds have increased significantly. Its research budget totaled 778 million RMB in 2016, with science and technology related

funds hitting a record high of 723 million RMB, and arts and humanities related funds coming in at 55 million RMB.

Backed by the strong local economy of the city of Shenzhen, as well as those of Hong Kong, Macao and the Pearl River Delta, SZU is dedicated to cultivating high-level students who have an innovative and entrepreneurial mindset and who will lead

future social and economic development. In the spirit of reform and innovation, SZU is seeking to become a first-class modern university with unique characteristics. ■



**深圳大学**  
SHENZHEN UNIVERSITY

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