

# Tsinghua Newsletter

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AUA Summit 2019 held in Hong Kong



Tsinghua SIGS launched in Shenzhen



Tsinghua celebrates 108th Anniversary

# Tsinghua SIGS launched in Shenzhen

An Engineering Doctoral Program featuring technology innovation and leadership development launched in the Greater Bay Area

On March 29th 2019, Tsinghua University celebrated the launch of the Tsinghua Shenzhen International Graduate School (Tsinghua SIGS), the one and only campus of Tsinghua outside Beijing. Chen Rugui, Mayor of Shenzhen, Wang Lixin, Vice Mayor of Shenzhen, Qiu Yong, President of Tsinghua University, and Yang Bin, Vice President of Tsinghua, attended the 1st Governing Board Meeting and the Launching Ceremony.

Jointly founded by Tsinghua University and the Shenzhen Municipal Government, Tsinghua SIGS is a further expansion of the Tsinghua Graduate School at Shenzhen and the Tsinghua-Berkeley Shenzhen Institute, a joint venture with UC Berkeley. SIGS aims at bringing together world-class faculty members and postgraduate students, tackling global challenges through cutting-edge research and international collaborations, nurturing the next generations of global leaders. SIGS is committed to serving economic and social development in Shenzhen, the Guangdong-Hong Kong-Macau Greater Bay Area, and beyond.



Chen Rugui and Qiu Yong co-chair the Governing Board. The

Board appointed Yang Bin, Vice President of Tsinghua, as Dean of Tsinghua SIGS, and Gao Hong, Vice Provost for International Education, as Executive Dean. Kang Feiyu, Dean of the Tsinghua Graduate School at Shenzhen, and Zhang Lin, Co-Director of the Tsinghua-Berkeley Shenzhen Institute, were appointed as Vice Deans. The Governing Board also endorsed the bylaw of the SIGS, as well as the Strategic Plan and the Work Plan. The Board members gave many valuable suggestions for the implementation of SIGS.

Chen Rugui chaired the Board meeting. He extended his gratitude to Tsinghua University for its long-term support for Shenzhen. He noted that Tsinghua University had made great contributions to Shenzhen and to the country over the years. He was confident that the Tsinghua SIGS would advance the development of higher education in Shenzhen and serve as an international technology innovation center of the Greater Bay Area. The Shenzhen Municipal Government would continue to support the continued success of Tsinghua's international education, the mayor said.

Qiu Yong expressed his gratitude to the Shenzhen Municipal Government. He noted that Tsinghua University valued very much its close partnership with the Shenzhen Municipal Government. Tsinghua University has the confidence in and dedication to building SIGS as a world-class graduate school with



the advanced academic resources of Tsinghua University and the vibrant entrepreneurship environment in Shenzhen. “Shenzhen is the most innovative city in China,” said Qiu Yong. “Tsinghua University has always cherished the spirit of pursuing reform and innovation. I hope that Tsinghua SIGS could take the initiative to serve the region's rapid development, and act as the connection between Shenzhen and the world.” With the strong investment and policy support from Shenzhen, SIGS will attract more eminent scholars world-wide, pursue interdisciplinary research, reshape graduate programs, collaborate with international and industrial partners, and operate with international standards.

The Launching Ceremony was held right after the Board meeting. Chen Rugui, Qiu Yong, Wang Lixin and Yang Bin unveiled Tsinghua SIGS together. Both Wang Lixin and Yang Bin delivered speeches afterwards. Wang Lixin noted that this year marks the launching of Tsinghua SIGS and constitutes a new starting point. It is hoped that Tsinghua SIGS will continue the legacy of Tsinghua



University, bringing more talents and original research findings to benefit the city development.



In his address, Yang Bin made brief introductions to the new Engineering Doctoral Program to be launched in the Greater Bay Area this fall. The program features interdisciplinary technology innovation and leadership

development. It will recruit students in the Greater Bay Area to pursue a professional doctoral degree in three engineering areas, i.e., Electronics and Information, Advanced Manufacturing, and Energy and Environmental Protection. The program will accept applications in mid-April and the first cohort of students will join Tsinghua SIGS in September.

As the most open and economically vibrant region in China, the Greater Bay Area plays a prominent role in the development of the country. The Development Plan for the Guangdong-Hong Kong-Macau Greater Bay Area paints the blueprint as a vibrant world-class city

cluster and a global hub for influential innovation and technology. The cooperation of Tsinghua and Shenzhen will stimulate the innovation vitality of the area.

Since Tsinghua and Shenzhen's first joint establishment of the Research Institute of Tsinghua University in Shenzhen in 1996, the University and the city have achieved many firsts. In 2001, Tsinghua and Shenzhen co-founded the Graduate School at Shenzhen, which was Tsinghua's first graduate school outside Beijing. In 2014, the Tsinghua-Berkeley Shenzhen Institute was founded, which marked the first educational institution jointly founded by Tsinghua and a foreign world-leading university. Then in 2018, Tsinghua SIGS was approved by the Ministry of Education.

Tsinghua SIGS consists of seven theme areas, which are Energy and Materials, Information Science and Technology, Bio-Pharmaceutical and Health Engineering, Smart City, Ocean Engineering, Environment and Ecology, and Innovation Management. Tsinghua SIGS will work closely with enterprises in the area, and prepare future technology innovators, scientists, and entrepreneurs through innovative graduate programs.





# Jijie Chai, Hong-Wei Wang Groups in Tsinghua University collaborating with Jian-Min Zhou Group in Chinese Academy of Sciences published two Research Articles in Science, revealing the molecular steps in plant immune receptor activation and defining the plant resistosome

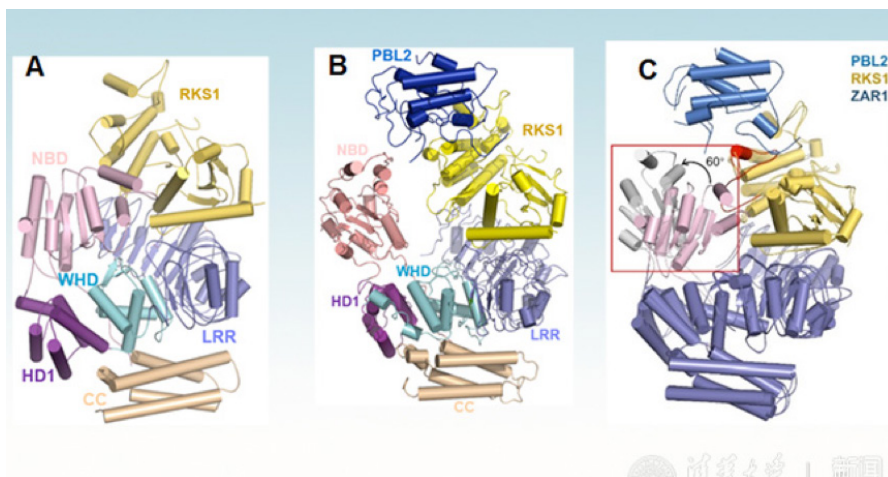
Two landmark studies from the laboratories of Professor Jijie Chai, Professor Hong-Wei Wang in Tsinghua University and Professor Jian-Min Zhou in Chinese Academy of Sciences provide unprecedented structural insight into how plant immune receptors are primed – and then activated – to provide plants with resistance against microbial pathogens, which are published as back-to-back Research Articles in Science on April 5, 2019. Two papers are entitled “Ligand-triggered

allosteric ADP release primes a plant NLR complex” and “Reconstitution and structure of a plant NLR resistosome conferring immunity”, respectively.

Although separated by more than one billion years of evolution, plants and animals have hit upon similar immune strategies to protect themselves against pathogens. One important mechanism is defined by cytoplasmic receptors called NLRs that, in plants, recognize so-called effectors, molecules that invading

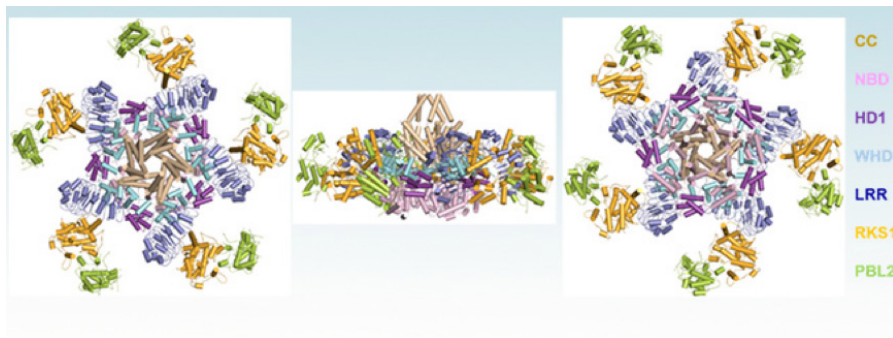
microorganisms secrete into the plant’s cells. These recognition events can either involve direct recognition of effectors by NLRs or indirect recognition, in which the NLRs act as ‘guards’ that monitor additional host proteins or ‘guardees’ that are modified by effectors. Host recognition of effectors, whether direct or indirect, results in cell death to confine microbes to the site of infection. However, until now, a detailed understanding of the mechanisms of action of plant NLRs has been lacking, and much of our understanding of how these molecules function in plants has been based on comparison with animal counterparts.

In two new studies published in the journal Science, Jijie Chai and his laboratory together with the groups of Hong-Wei Zhang and Jian-Min Zhou at Tsinghua University and the Chinese Academy of Sciences in Beijing have now pieced together the sequence of molecular events that convert inactive NLR molecules into active complexes that provide disease resistance.



**Figure 1** Overall structure of a plant NLR in inhibition form (A), priming form (B) and priming mechanism (C)





**Figure 2 Overall structure of plant resistosome**

The authors focused their attentions on a protein called ZAR1, an ancient plant molecule that is likely to be of broad importance since it interacts with multiple ‘guardees’ to recognize unrelated bacterial effectors.

Using cryo-electron microscopy, Chai and co-authors observed that in the absence of bacterial effectors, ZAR1, together with the plant protein RKS1, is maintained in a latent state through interactions involving multiple domains of the ZAR1 protein (Figure 1A). Upon infection, a bacterial effector modifies the plant ‘guardee’ PBL2, which then activates RKS1 resulting in huge

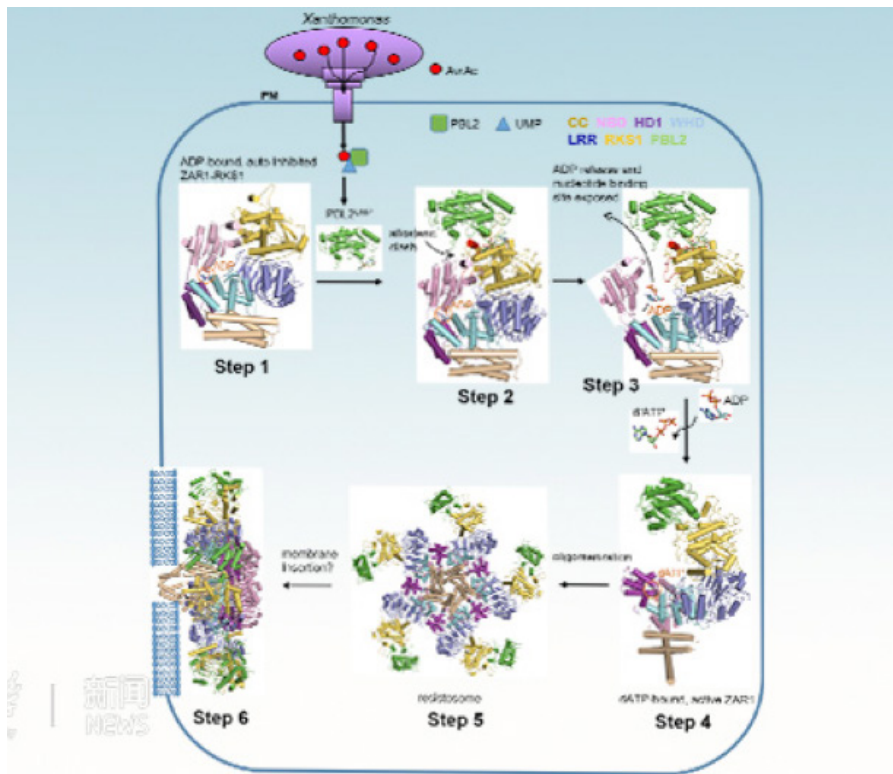
conformational changes that first allow plants to swap ADP for ATP (Figure 1B and 1C) and then result in the assembly of a pentameric, wheel-like structure that the authors term the ‘ZAR1 resistosome’ (Figure 2).

One striking feature of this structure is its similarity with animal NLR proteins, which, once activated, also assemble into wheel-like structures that act as signaling platforms for cell death execution and immune signaling. However, one important difference between the structures offers a tantalizing clue as to how ZAR1 induces cell death. The authors could identify a highly ordered funnel-like structure in

ZAR1 that tethers the resistosome to the plasma membrane and is required for cell death and disease resistance. The authors speculate that ZAR1 may form a pore in the plasma membrane and in this way perturb cellular function leading to immune signaling and cell death (Figure 3).

Other plant NLRs also assemble into complexes that associate with the plasma membrane and it is thus highly likely that Chai’s findings have important general implications for understanding plant immunity. MPIPZ director Paul Schulze-Lefert, who was not involved in the studies, is in no doubt about the importance of the new studies: “This will become textbook knowledge.”

Prof. Jijie Chai, Hong-Wei Wang from School of Life Sciences, Tsinghua University, and Dr. Jin-Min Zhou from Institute of Genetics and Developmental Biology are the corresponding authors of the two papers; Jizong Wang (Postdoctor), and Jia Wang (Postdoctor) from School of Life Sciences, Tsinghua University, and Meijuan Hu (graduate) from CAS Institute of Genetics and Developmental Biology are co-first authors. The Tsinghua University Branch of the China National Center for Protein Sciences (Beijing) for providing the cryo-EM facility support and the computational facility support on the cluster of Bio-Computing Platform. This research in Tsinghua University was funded by National Natural Science Foundation of China, the National Key R&D Program of China, and the Beijing Municipal Science & Technology Commission.

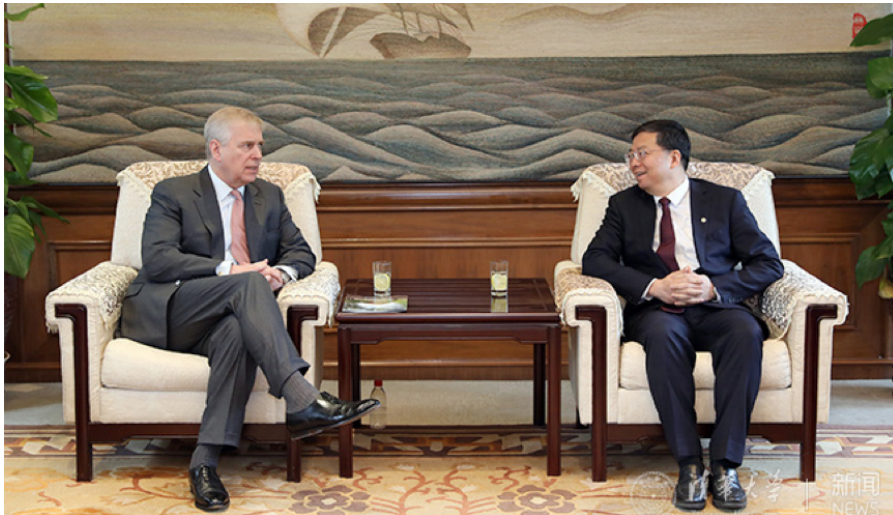


**Figure 3 Molecular mechanisms of plant resistosome**

**The paper links:**

- <http://science.sciencemag.org/content/364/6435/eaav5868>
- <http://science.sciencemag.org/content/364/6435/eaav5870>
- <http://science.sciencemag.org/content/364/6435/31>

# Prince Andrew, Duke of York, visits Tsinghua University



On April 11th, Prince Andrew, Duke of York, visited Tsinghua University. Tsinghua University President Qiu Yong had a meeting with the guests at Gongziting. Fu Ying, Chairman of the Center for Strategy and Security attended the meeting.

On behalf of Tsinghua University, President Qiu welcomed the visit of Prince Andrew and introduced to him a series of measures recently undertaken by Tsinghua University in its reform of education and teaching, which includes a compulsory course of writing and communication set up last year to train the logical and critical thinking of undergraduate students. Apart from that, the old school rule that students must pass a swimming test before graduation has also been restored in an effort to carry forward the excellent sports tradition of Tsinghua University. Furthermore, measures have also been taken to enhance the humanistic and artistic atmosphere of the campus with an aim to develop the students to be a competent person at all aspects.

President Qiu noted that innovation and entrepreneurship

are highly valued through education at Tsinghua University. Altogether four platforms have been established to advance the enterprising and innovation training among students at Tsinghua University. Besides, the university also places great emphasis on cutting-edge and interdisciplinary research to further promote the researches across disciplines and enhance the links between academics and industry.

President Qiu also introduced the Global Alliance of Universities on Climate (GAUC) initiated by Tsinghua

University and jointly launched by seven other world-renowned universities during the World Economic Forum. He stated that addressing global climate challenge is a common challenge facing mankind. Leading universities should play their roles and make contributions in addressing the challenge.

Prince Andrew is very pleased to visit Tsinghua University. He stated that individuals who can solve problems are in demand for societies that wish to create prosperity. Great ideas are of great values to the society, therefore it is crucial that the ideas to problems solving can be converted into commercial solutions and placed for use in market and business places. Universities nowadays play significant roles in enhancing the ability of their students in innovation and entrepreneurship by providing them with skills and knowledge training. It is encouraged that the universities provide their students with the opportunity to acquire knowledge and skills from different departments and disciplines to inspire innovative

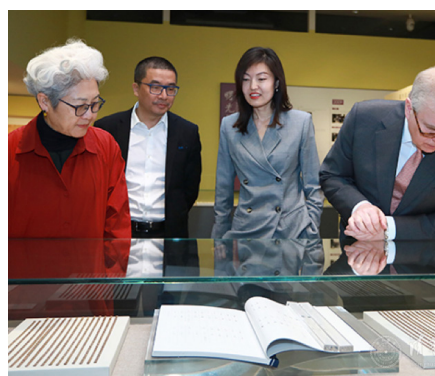




ideas, at the same time enabling them to grow their business into the next generation.

During the meeting, Prince Andrew received questions from students on entrepreneurship, cultural diversity and student exchange. He first introduced the Pitch@Palace program introduced by his highness in 2014, a program aimed to support young entrepreneurs on innovation and has cultivated young entrepreneurs from various countries by bringing their ideas and solutions into reality. Apart from that, he strongly encouraged the communication and exchange of students between countries as it would allow them to be more outward looking and gain experience of what is going on in the new world. Furthermore, he also expressed his support towards cultural diversity, stating that it should be celebrated regardless of one's nationality through the promotion of cultural understanding.

After the meeting, Prince Andrew and his delegation visited the Tsinghua University Art Museum.



# AUA Summit 2019 held in Hong Kong

*President Qiu Yong re-elected as President of AUA, the AUA Secretariat to be permanently hosted by Tsinghua University*

On April 13th, the Asian Universities Alliance (AUA) Summit 2019 was held in Hong Kong. Representatives from the 15 member universities of the AUA attended the summit. At the AUA Board Meeting, Tsinghua University was unanimously re-elected as AUA Presidency for 2020-2023, with Tsinghua President Qiu Yong re-elected as President of AUA. The Board also unanimously voted for the AUA Secretariat to be permanently hosted by Tsinghua University.

Prior to the Board meeting, Chief Executive of the Hong Kong Special Administrative Region (HKSAR) The Honorable Mrs Carrie LAM CHENG Yuet-Ngor, GBM, GBS met with the representatives from the AUA member universities to congratulate the opening of the AUA Summit in Hong Kong. Representatives from the AUA member universities attending the meeting were Qiu Yong, President of Tsinghua University, Wei Shyy, President of the Hong Kong University

of Science and Technology, OH Se-Jung, President of Seoul National University, Bundhit Eua-arporn, President of the Chulalongkorn University, Muhammad Anis, Rector of Universitas Indonesia, Lakshman Dissanayake, Former Vice-Chancellor of University of Colombo, Devang Khakhar, Director of the Indian Institute of Technology Bombay, Mohamed Albaili, Vice Chancellor of the United Arab Emirates University, Shigeo Katsu, President of Nazarbayev University, Sawako Shirahase, Executive Vice President of the University of Tokyo, Tian Gang, Vice President of Peking University, Andrew Wee, Vice President of the National University of Singapore, Omar Kyaw, Pro Rector of the University of Yangon, Kamila Ghazali, Deputy Vice-Chancellor of the University of Malaya, and Abdullah Al-Salman, Vice Rector of King Saud University.

As the President of AUA, President Qiu Yong reviewed the





key work of the AUA from 2018 to 2019. He noted that the member universities of the AUA actively participated in alliance affairs over the past year, successfully organized 16 activities including academic conferences, student exchanges, and forums on university management, and also launched multilateral cooperation projects such as joint research, scholars award, staff exchange, interlibrary loan and document delivery. The AUA has started building up its influence in Asia and the world. President QIU expressed his thanks to all the member universities for their strong support and active involvement.



President Qiu thanked the Board for its trust in Tsinghua University and himself. He said

that Tsinghua University will continue to work closely with other member universities to build AUA towards bigger success, promote the development of the AUA and achieves further development and greater influence.

“AUA is becoming a wonderful platform that benefits every member university. Every step of progress was achieved with the efforts and support from member universities. Let’s continue the team spirit and expect an even better year of AUA,” said President Qiu.

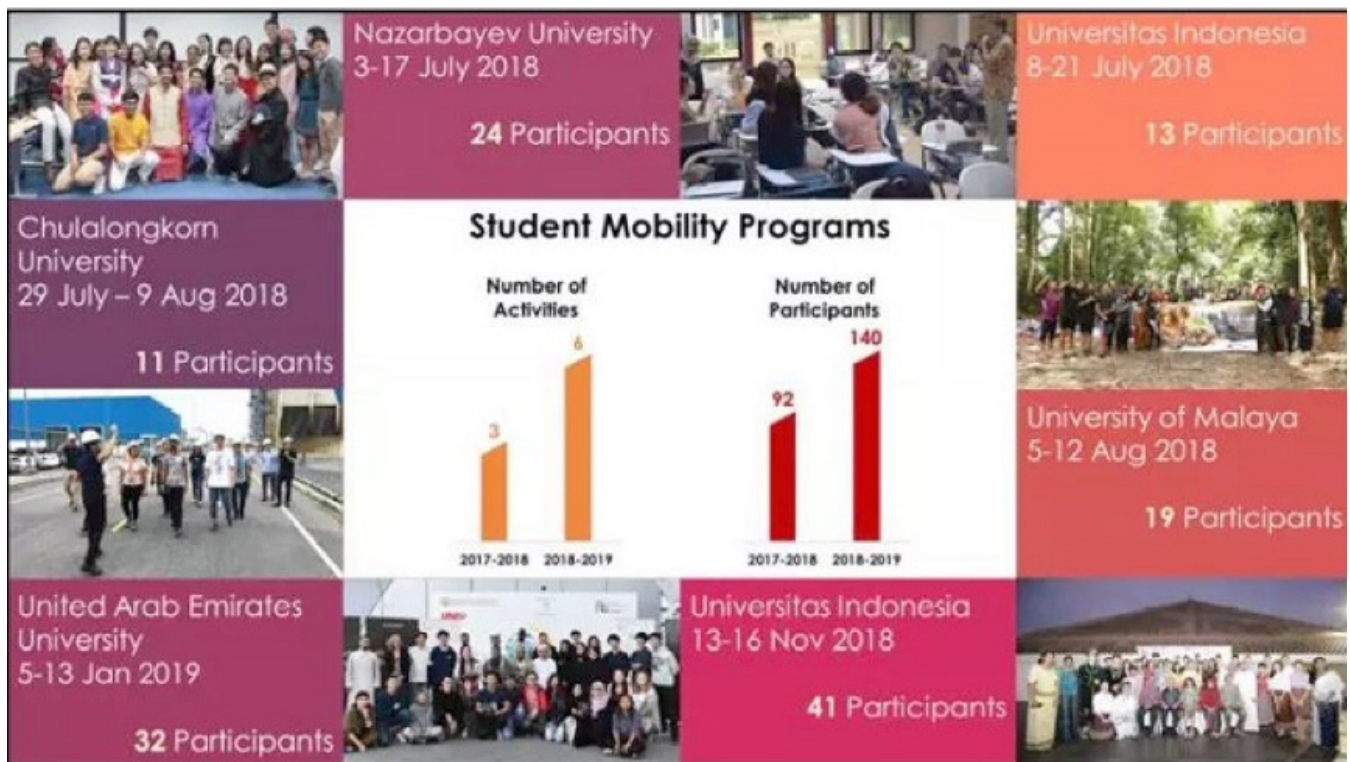
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During the meeting, the secretariat of the AUA reported the AUA Financial Report 2018-2019, the Budget Report for 2019-2020, as well as the implementation of important activities and projects by the AUA over the past year. Representatives from member universities of AUA also discussed in detail the revenue and expenditure of the alliance, the selection and admission of member universities, the framework and the direction of work for the next three years.

On the meeting, President Qiu Yong delivered the 2019 AUA annual report Asian Higher Education Outlooks: Education Innovation. The report is a collaborative effort of 24 scholars from all AUA universities. Educating for innovative talent is core to AUA universities, and a major global contribution. There is an urgent need to develop more shared insight into the value, progress and achievement of teaching and learning and of education in broader sense. AHEO 2019 discusses six frontier issues, including teaching innovation,





doctoral education, online and mobile learning, social engagement, promoting sustainability, and university futures in the AUA.

Vice President Yang Bin and other guests attended the summit.

The Presidents Forum will be held the following day at the Hong Kong University of Science and Technology.

## AUA Presidents Forum Held at HKUST



On April 14th, as an important part of the AUA Summit 2019, the AUA Presidents Forum was held at the Hong Kong University of Science and Technology (HKUST). Carrie Lam Cheng Yuet-ngor, the Chief Executive of the Hong Kong Special Administrative Region (HKSAR), attended the AUA Presidents Forum and delivered a keynote speech. President Qiu Yong of Tsinghua University, and President Wei Shyy of HKUST addressed the forum. Presidents and delegates of the 15 member universities of the Asian University Alliance (AUA) held in-depth discussions on topics such as the “Roles of Universities in the Sustainability Agenda” and “Innovation and Entrepreneurship Ecosystems: Asian Perspectives on Technological Stewardship and

Higher Education” to jointly explore the development of higher education in Asia. Vice President and Provost of Tsinghua University Yang Bin and Vice-President for Institutional Advancement of HKUST Sabrina Lin attended the forum.

Carrie Lam welcomed the Asian Universities Alliance (AUA) and its third annual summit to be held in Hong Kong. “Thank you for inviting me to join today’s Presidents Forum, where great minds like yours come together to consider issues of concern to us, and issues of importance to Asia and the world”, said Carrie Lam. She noted that Hong Kong prides itself on connectivity and the AUA also believes in the power of connectivity. As President Qiu Yong said, the founding of AUA marks a significant milestone in Asian higher education. It is a product of the common needs and shared expectation of the 15 founding universities. She believes that this growing connectivity within Asia is both necessary and meaningful.

She noted that the Presidents Forum, with sustainable development and technological

entrepreneurship as central themes, was as ambitious and welcome as the AUA itself. “Innovation and technology is a policy priority for my Government and an area of progressive growth and boundless promise for our universities,” she said. “We are, in short, committed to helping our universities realize their full R&D potential. Our more ambitious goal, however, is to help build an international innovation and technology hub here in Hong Kong.” She also noted that they are building unprecedented connections and opportunity through the Guangdong-Hong Kong-Macao Greater Bay Area and strengthening their collaboration with the Mainland on the innovation and technology front under the “One Country, Two Systems” principle. At the end, she wished that the AUA, and each of its member universities, continuing success, and all of the participants a rewarding Presidents Forum and Summit in Hong Kong.

On behalf of the Asian Universities Alliance, President Qiu Yong extended his warmest welcome to all the participants





and expressed his thanks to the full support from HKUST. “AUA was founded on 29th April 2017 by fifteen representative universities across Asia. From that day on, all of our founding institutions have been working towards the mission of AUA, which is to jointly address regional and global challenges, specifically related to higher education and economic, scientific and technological development, by strengthening collaboration among member institutions,” President Qiu said. The past two years have seen AUA taking steady steps to transform its ambitions into tangible outcomes. We have carried out collaborative endeavors that benefitted our students, scholars, and societies at large, which including increasing student mobility, promoting research collaboration, enhancing university administration, and increasing influence in Asia and in the world.

President Qiu noted that the AUA Presidents Forum brings



together university leaders to have dialogues on the development of strategic plans, the improvement of management, and the problems that concern the higher education communities. “As globalization has made openness the trend of future higher education, we believe universities will play an increasingly important role in addressing the most pressing global challenges of human kind,” he said.

President Wei Shyy of HKUST, the organizer of the AUA Presidents Forum, welcomed presidents of the AUA member universities to HKUST in his address. He noted that as a regional and highly focused alliance, the AUA provides members with opportunities for

having in-depth exchanges and building last friendship. With the joint efforts, fruitful outcomes were achieved at the Board meeting held the previous day. President Wei Shyy also introduced the achievements of HKUST in discipline arrangement, scientific research and innovation and entrepreneurship, hoping that the Presidents Forum would provide a platform for full exchange of ideas and collision of views.

Nearly 200 teachers and students attended the forum and communicate with guests during the Q&A session at the forum.



This is the third Presidents Forum held by the AUA. In 2017, at the first Presidents Forum held in Beijing, representatives from the member universities discussed ways to create a better future for Asian higher education. In 2018, the Presidents Forum took place in the form of a roundtable themed “The Rise of Asian Universities” at the Boao Forum for Asia in Hainan Province, China.





# The Opening Ceremony of the 1st China-UK Higher Education Young Talent Alliance Summit held at Tsinghua University

On April 18th, the Opening Ceremony of the 1st China-UK Higher Education Young Talent Alliance Summit was held at Tsinghua University. Chen Xu, Chairperson of the Tsinghua University Council and Chair of the China-UK Association for the Humanities in Higher Education, Professor Sir Steve Smith, Vice Chancellor of the University of Exeter, Mr. Danny Whitehead, Minister Counsellor for Education and Culture of the British Embassy in China, and Deputy Director China of the British Council, and student representatives from China and the UK attended the opening ceremony held at the Tsinghua University Art Museum. The opening ceremony was moderated by Professor Yan Haiping, Dean of the Institute for World Literatures and Cultures, Chair of the Executive Council of the China-UK Association for the Humanities in Higher Education, and Chair of the Department of Foreign Languages and Literatures.

The theme of the summit was “Exploring Beauty in the Humanities

and Innovation, Bridging the Communication between China and the UK”. A total of 34 outstanding young students from renowned universities in China and the UK, including Tsinghua University, Peking University, Fudan University, Cambridge University, University of Oxford and University College London attended the summit.



Chen Xu welcomed the guests and students from the two countries on behalf of the China-UK Association for the Humanities in Higher Education and Tsinghua University. She stated that the summit was launched to meet the developing times and the needs of

young people to develop, as well as to promote exchanges in the humanities between China and the UK. It also aimed to promote the development of the China-UK Association for the Humanities in Higher Education.

Chen Xu hoped that the student representatives of the two countries would understand Chinese culture and Tsinghua University better, and make more friends through the activities carried out during the summit. She stated that from now onwards, the China-UK Association for the Humanities in Higher Education would actively promote in-depth communication among young people from China and the UK, and construct a firmer and broader platform for people-to-people exchanges between the two countries. She believed that under the joint efforts of all the members of the China-UK Association for the Humanities in Higher Education, as well as great support from all sectors of both countries, communication between the youth of the two countries would achieve new heights, and exchanges in the humanities between the two countries would result in new and greater achievements.



Professor Sir Steve Smith stated in his speech that co-operation between universities was required in cultivating the best students, promoting scientific and research development, and striving to address the challenges faced globally. The China-UK Association for the Humanities in Higher Education



was dedicated to promoting communication between scholars from China and the UK, and has benefited the scholars from the two countries and promoted cooperation and integration in the humanities between the two countries. He stated that promoting cross-cultural communication has never been as so important as it is today. This time, the Association had gathered the best students from the two countries, and they would play a significant role in understanding the cultures of the two countries, as well as promoting cooperation between them.



Mr. Danny Whitehead stated in his speech that the challenges jointly faced by mankind today require global cooperation and global solutions. Cooperation between youth and between academic institutions has to be strengthened to promote the innovation of knowledge in order to solve these problems. Communication between the youth is an important path to building mutual trust and mutual understanding. Tsinghua University and the British Council have high expectations for this event, and the UK is willing to further promote its cooperation with China. The summit had gathered young students from the renowned universities in China and the UK as an attempt to promote such cooperation. Discussions by participants on the topic during the next few days were highly anticipated. The communication between the youth of the two countries would definitely promote the development of the two countries.



Yan Haiping said, as an important part of the China-UK Association for the Humanities in Higher Education, the student forum will serve as a prominent platform for young people to develop their cross-cultural thinking and carry out their international dialogue. On one hand, it will help to deepen the cultural exchange between UK students and Chinese students, cultivating their experience, cognition, vision, and conceptualization of the vital importance of the humanities in contemporary world, enabling each of them to better “interpret the world” so as to “narrate about her/his own life and country”, and to better contribute to building a community of shared future for mankind. And it serves to continue and amplify the Tsinghua spirit of “ever-renewing humanities”, and contribute to building a “more internationalized, more humanistic, and more innovative” Tsinghua University. This is also the mission and goal of the Institute for World Literatures and Cultures and the Department of Foreign Languages and Literatures.



Wu Shaowen, representative of the Chinese organizing committee

and the President of the Tsinghua University Association of Student International Communication, stated that the mutual learning of Chinese and English cultures should be jointly participated in by the youth of the two countries. Young people should shoulder the responsibility of the cultural heritage and development of the two countries, voice their thoughts and contribute their strengths on the world stage in the new era.

Darrion Mohan, British student



representative, stated in his speech that he was grateful to visit and attend the summit at Tsinghua University during its upcoming 108th anniversary. He believed that the summit would definitely provide a platform for the construction of long-lasting friendship and the strengthening of mutual understanding between the youth of the two countries.

It was reported that apart from the summit, young student representatives of the two countries would also visit various places, including Tsinghua University campus, Tsinghua University Art Museum, the Palace Museum, and the 798 Art District. They would also have in-depth discussions with the Curator of the Tsinghua University Library and the director of the documentary “Masters In Forbidden City” on topics including cultural and creative industries, digital humanities and art education. This year’s Summit saw the great support of Yi Samuel Chen, Research Fellow and China



Liaison of Center on Migration, Policy and Society at University of Oxford, who assisted in recommending UK student representatives and led the group at the Summit.

The China-UK Association



for the Humanities in Higher Education was established in Shanghai in December 2016. Since its establishment three years ago, the Association has played an active role in cultural and academic exchanges, cross-cultural dialogues and the cultivation of high-level young talents with an integration of Chinese and Western cultures between China and the UK. The summit is another useful exploration and innovative practice under the mechanisms of exchange and communication of the China-UK Association for the Humanities in Higher Education.

The summit was hosted by Tsinghua University and the China-UK Association for the Humanities in Higher Education, organized by the Tsinghua University Association of Student International Communication, and co-organized by the Tsinghua University Institute for World Literatures and Cultures, the Committee of Tsinghua University of the Communist Youth League and Tsinghua University International Cooperation and Exchange Office.



## Tsinghua University School of Vehicle and Mobility established



On the morning of April 27th, the inaugural meeting of the Tsinghua University School of Vehicle and Mobility (SVM) was held in the main building. Attending the meeting were over 400 delegates, including Wan Gang, Vice-Chairman of the National Committee of the Chinese People's Political Consultative Conference, Xin Guobin, Vice-Minister of the Ministry of Industry and Information Technology, Chen Qingtai, former Director of the Development Research Center of the State Council and an alumnus of Tsinghua, Qiu Yong, President of Tsinghua University, Academician

Zhong Zhihua, Vice-President of the Chinese Academy of Engineering, Dong Yang, former Executive Vice-Chairman and Secretary-General of the China Association of Automobile Manufactures and an alumnus of Tsinghua, as well as other academicians and experts from the fields of vehicles and transportation at home and abroad, representatives of relevant ministries, enterprises, and universities, teachers and students of various departments and units in the university, and alumni representatives. The meeting was presided over by Li Yibing, Deputy Secretary of the CPC Tsinghua



University Committee.

President Qiu Yong noted that the establishment of the SVM was an important measure for Tsinghua to serve the country's strategic needs. The renaming of the Department of Automobiles as the School of Vehicle and Mobility shows Tsinghua's commitment to actively serve the country's strategic needs, to cope with challenges in the industry, to focus on the international academic frontier, and to be bravely engaged in the process of self-adjustment and repositioning.

"Facing the new industrial technology revolution, we should further strengthen opening up and exchange to be integrated with international standards. We should stick to the philosophy of talent cultivation and make Tsinghua's voice heard in engineering education. We should take the initiative to solve China's technological bottlenecks and make substantial contributions," said President Qiu.



Following the inaugural meeting the 2019 Forum of Young Scholars in Automotive Technology was held. Experts, scholars and business representatives from domestic and foreign automobile fields conducted academic exchanges around the new development of automobile technology in the world.

Vehicle engineering education has a long history in Tsinghua University. Over the past 87 years, Tsinghua University has educated nearly 7,000 graduates specializing in

vehicle engineering and has become an important training base for front-line leaders and key talents in China's automobile industry and related research and education. In the past two decades, great progress has been made in China's new energy vehicles. The Department of Automotive

Engineering of Tsinghua has taken the lead in developing new energy vehicle research in China, playing an important role in the development of China's energy conservation and new energy vehicle technology.



## President of the Republic of Chile Sebastian Pinera visits Tsinghua University

*Receives Honorary Professorship and delivers keynote speech*

On April 25th, on the occasion of the 108th anniversary of Tsinghua University, Sebastian Pinera Equeniche, President of the Republic of Chile, visited Tsinghua University. During his visit, President Pinera received the title of Honorary Professorship of Tsinghua University

and delivered a speech entitled "Chile and China: Facing Together the Challenges and Opportunities of the Future".

Qiu Yong, President of Tsinghua University, had a meeting with President Pinera. The Chinese Ambassador to Chile Xu Bu attended



the meeting.

The delegation from Chile included Eduardo Frei, former President of Chile, Jaime Quintana, President of the Senate of Chile, Roberto Ampuero Espinoza, Minister of Foreign Affairs of Chile, Luis Schmidt, Ambassador of Chile to China, Luis Schmidt, member of parliament, Benjamin Salas, International Advisor to the President of Chile and Andrónico Luksic, Chairman of the Luksic Group.

President Qiu welcomed President Pinera on his first visit to Tsinghua University and congratulated him on receiving the title of Honorary Professorship of Tsinghua University. President Qiu noted that 2019 is an important year for both countries, with the Second Belt and Road Forum for International Cooperation and the 2019 APEC Summit to be hosted by China and Chile respectively. President Qiu expressed his appreciation for the contribution made by President Pinera to the bilateral relations between China and Chile, and hoped that Tsinghua University would make greater contributions towards the cultural exchanges and scientific collaboration between the two countries.

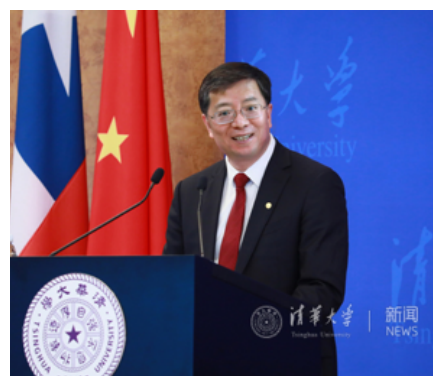
President Qiu reviewed the fruitful outcomes achieved during his first visit to Chile last December. He noted that Tsinghua University highly valued the scientific and technological collaboration and people-to-people exchanges with Latin America. The Tsinghua University Latin America Center in Santiago, Chile, established during his visit, would contribute to the cultural exchanges, innovation in science and technology, and cooperation in education between Tsinghua University and Chile, as well as with other Latin American countries.

President Pinera said that he was very honored to visit Tsinghua

University during its 108th anniversary. He highly recognized the achievements made by Tsinghua University in talent cultivation and the cooperative relationship between Tsinghua University and Chilean universities. He congratulated Tsinghua University on the establishment of the Tsinghua University Latin America Center in Chile and hoped the center would better contribute to further cooperation and exchanges between the universities of the two countries.



Following the meeting, the Honorary Professorship award ceremony was held. President Pinera was awarded the title of Honorary Professorship of Tsinghua University and delivered a keynote speech entitled “Chile and China: Facing Together the Challenges and Opportunities of the Future”. The Vice President of Tsinghua University Yang Bin moderated the event.



President Qiu noted that the title of Honorary Professorship was not only a recognition of President Pinera’s achievements in the field of economics, but also a recognition

of his contribution to promoting exchanges and cooperation between China and Chile. President Qiu welcomed him on becoming a member of the Tsinghua community and hoped that with his support, China and Chile would further advance their strategic partnership and deepen their exchanges and cooperation in various fields.



In his speech, “Chile and China: Facing Together the Challenges and Opportunities of the Future”, President Pinera highly commended the contributions made by China in addressing global climate change and achievements in technology innovation. “We have so much to learn from your magnificent history and your magnificent country,” he said. He noted that Chile was the first Latin American country to establish diplomatic relations with China and was also the first Latin American country to sign a bilateral free trade agreement with China. The Belt and Road Initiative (BRI) has not only further promoted exchanges between China and Chile, but has also built a bridge connecting many countries in the world. Chile will continue to expand and strengthen its cooperation with China.

President Pinera also hoped that young people from around the world would take action and shoulder responsibility in combating climate change and facilitating social justice.

After the speech, he answered the questions from participating students and communicated with



journalists from around the world.

Li Jinliang, Dean of the International Cooperation and Exchange Office, Bai Chong-En, Dean of the School of Economics and Management, and Xue Lan, Dean of the Schwarzman College, Tsinghua University attended the event. Over 200 Tsinghua students, faculty and alumni also attended.

Sebastian Pinera Echenique was the President of Chile from 2010 to 2014 and was re-elected as the President of Chile in December 2017. He is now serving his second term as President of Chile for the 2018-2022 period.

The Tsinghua University Latin America Center was inaugurated in Santiago, Chile on December 6th, 2018. The center will act as the contact and exchange base



of Tsinghua University in Latin America, serving the goal of talent cultivation of Tsinghua University and promoting research collaboration and people-to-people exchanges with Latin American countries. In the Joint Statement between the People's

Republic of China and the Republic of Chile issued on April 24th, 2019, both countries highly recognized the Tsinghua University Latin America Center inaugurated in Santiago, Chile.

## Tsinghua Department of Astronomy Inaugurated

*A Comprehensive Scheme of the Science Departments of Tsinghua University*



On the morning of April 21st, the inaugural meeting of the Tsinghua Department of Astronomy was held in the main building, marking the completion of Tsinghua's

comprehensive scheme of science departments covering "mathematics, physics, chemistry, astronomy, geology and life science".

Attending the inaugural

meeting were over 160 people including academicians and experts from domestic and foreign astronomy fields, representatives of relevant ministries, enterprises and universities. The meeting was presided over by Academician Xue Qikun, Vice President of Tsinghua University.

In her speech, Tsinghua University Council Chairperson Chen Xu noted that the establishment of the Department of Astronomy is a milestone in the development of astronomy in Tsinghua, strengthening basic disciplines in Tsinghua, injecting vitality into the overall discipline development in Tsinghua, and providing more possibilities for interdisciplinary collaborative innovation, as well as a new platform for talent cultivation at Tsinghua. She said that Tsinghua is willing to actively cooperate with all sectors of society to train more outstanding talents who would serve the country and pursue excellence, to produce more high-level scientific



research results, to contribute to the development of China's astronomy, and to make new and greater contributions to the development of the country, the happiness of the people and the progress of human civilization.



Following the inaugural meeting, a forum was held on the development of astronomy at Tsinghua. Experts, scholars and business representatives from domestic and overseas astronomical circles attended the forum.



Tsinghua Center for Astrophysics, the predecessor of the Tsinghua Department of Astronomy, was established in 2001. After more than a decade of steady development, the center has trained a group of outstanding young talents for astronomy at home and abroad and formed an elite team with compact objects and high-energy astrophysics as its main research directions.

# Tsinghua celebrates 108th Anniversary

Tsinghua celebrated its 108th anniversary on April 28th, bringing together alumni from around the country and abroad for a weekend of reunions.

The celebration was highlighted by arts exhibitions and various celebrations scheduled by different departments. A series of student activities including concerts, field and

track events, and the technological innovation exhibition were also held throughout the weekend in honor of the returning alumni.

During the 108th anniversary of Tsinghua University, 108 laboratories will be open to visits of teachers, students and alumni, including her state laboratories and key laboratories.





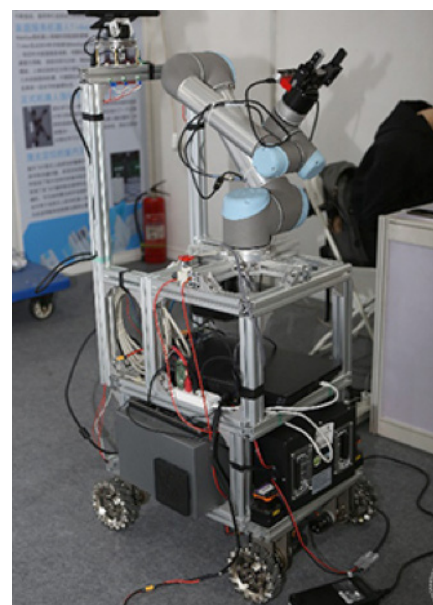
# Tsinghua University's 62nd Annual "Ma Yuehan Cup" Track and Field Competition held

On the morning of April 28th, the opening ceremony of Tsinghua University's 62nd annual "Ma Yuehan Cup" track and field competition took place at the East Sports Field. University leaders present at the event were Qiu Yong, Jiang Shengyao, Xue Qikun, Ji Junmin, Yang Bin, Li Yibing, Guo Yong, Zheng Li, Xiang Baotao, Fang Huijian, Wang Dazhong, He Meiyang, Gu Binglin, Zhang Sijing, Zhang Muzhen, Huang Shenglun, Wang Fengsheng, Hu Xianzhang, Yu Shouwen, Guan Zhicheng, Zhang Zaixing, Zheng Yankang, Yuan Si, Han Jingyang, and Shi Zongkai.



Teacher representatives who have been employed for the last three years and postdoctoral representatives were also specially invited to attend the opening ceremony.

## The 37th "Challenge Cup" Student Extracurricular Academic Science and Technology Works Exhibition and the Opening Ceremony of the Entrepreneurship and Innovation Expo 2019 held





On the morning of April 28th, the 37th “Challenge Cup” Student Extracurricular Academic Science and Technology Works Exhibition and the opening ceremony of the Entrepreneurship and Innovation Expo 2019 took place at Tsinghua University. University leaders attending the event were Qiu Yong, Chen Xu, Jiang Shengyao, Xue Qikun, Ji Junmin, Yang Bin, Li Yibing, Guo Yong, Zheng Li, and Xiang Botao. Former university leaders including Fang Huijian, Wang Dazhong, He Meiying, Gu Binglin, Zhang Muzhen, Huang Shenglun, Wang Fengsheng, Yu Shouwen, Guan Zhicheng, and Zhang Zaixing also attended the event.

This year’s “Challenge Cup” had 6 special prizes, 10 first prizes, 30 second prizes and 61 third prizes. The School of Material Science and Engineering won the “Challenge Cup”. Most of the winning entries also participated in the exhibition.



After the opening ceremony, the university leaders and guests visited the “Challenge Cup” Student Extracurricular Academic Science

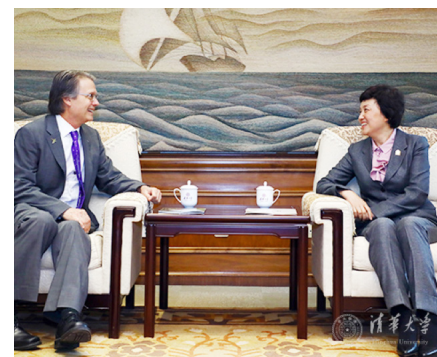
and Technology Works Exhibition and the Entrepreneurship and Innovation Expo 2019.

# Mark Richards, Executive Vice President and Provost of the University of Washington, visits Tsinghua

On the morning of April 29th, Mark Richards, Executive Vice President and Provost of the University of Washington visited Tsinghua University. Chen Xu, Chairperson of Tsinghua University Council, met with them in Gong Ziting. The two sides held in-depth exchanges on further expanding

and deepening future cooperation between the two universities. Vice President and Provost Yang Bin attended the meeting.

During the talk, Chen Xu welcomed Professor Richards to Tsinghua University on the occasion of its 108th anniversary and expressed her gratitude to Professor



Richards for his efforts to promote and support the cooperation between the two universities. Chen Xu noted that Tsinghua University attaches great importance to its relationship with the University of Washington. The Global Innovation eXchange (GIX) co-established by the two sides has thrived under the joint efforts of Tsinghua University, the University of Washington and Microsoft Company, achieving significant development. The enrollment scale is continuously expanding and the quality of students keeps improving. The first cohort



of graduate students successfully graduated in January this year and is now playing an active and important role in internationally renowned enterprises. Chen Xu hoped that the two universities will carry out more high-level cooperation to meet the needs of the times, make new contributions to promote the exchange of education, scientific research and culture between China and the United States, and train more leading and innovative talents.



Professor Richards noted that it was a great honor to visit Tsinghua for the first time on the occasion of its 108th anniversary and thanked the university for its warm reception. He said that GIX is a significant result of cooperation and friendship between the two sides. The two sides should continue to deepen cooperation based on the success they have already achieved, and innovate ways to select and train students, so that students graduating from GIX can truly

become the most innovative talents in various industries, and at the same time lead cultural exchanges between China and the United States.

The two sides also held in-depth discussions on further defining the future development direction of GIX and continuing to promote cooperation between Tsinghua University and the University of Washington in the fields of clean energy, advanced medical care and space technology.

The day before the meeting, Professor Richards watched the opening ceremony of Tsinghua University's annual "Ma Yuehan Cup" track and field competition, and then visited Tsinghua students' award-winning scientific entries in the "Challenge Cup" Competition

as well as the GHDDI and Tsinghua University Science Park.



During the visit, Professor Richards also visited the office of GIX at Tsinghua University and talked about the development of GIX.

Mark Richards, an internationally renowned geophysicist, was appointed Executive Vice President and Provost of the University of Washington in December 2018.

