



四川大学  
SICHUAN UNIVERSITY

SICHUAN UNIVERSITY

# NEWSLETTER

SUMMER 2016 ISSUE 15



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Innovation and Quality Research at SCU

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SCU Led the Formation of the Sino-German  
Innovation Platform of "Clean Energy"

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Australia's Ambassador to China  
Visits the West China Hospital





Sichuan University  
**NEWSLETTER**

SUMMER 2016 ISSUE 15

The Newsletter is published by the International Office of Sichuan University. We aim to share the latest news and events on our campus with our faculty members, students, and alumni of the University, as well as friends around the world. Any suggestions and questions are welcomed from our readers.

**Contact Us**

Address: No. 24, South Section 1, Yihuan Road  
Chengdu, Sichuan, 610065, China  
Phone: +86-28-85403116  
Fax: +86-28-85403260  
Email: gaorui@scu.edu.cn

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The Newsletter is also available online at:  
<http://www.scu.edu.cn/en/index.htm>

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# Premier Li Keqiang Encourages Innovation and Quality Research at SCU

Premier Li Keqiang was warmly welcomed by the faculty and students of Sichuan University (SCU) on April 25, 2016. He visited the State Key Laboratory of Polymeric Materials and Engineering and the Admission & Career Service Center, inquiring into issues concerning technological innovation, university-industry collaboration, innovation and entrepreneur-

ship education and student employment. He hoped that SCU will take the lead in college student innovation and entrepreneurship while establishing even more world-class academic and research programs.

Premier Li first came to the State Key Laboratory of Polymeric Materials and Engineering, one of the largest

polymeric materials research centers in the world. He was briefed about some of the lab's most successful research projects, including the first-ever-made grapheme rubber tire, which was independently developed by the lab, the first hemodialyzer made in China and the new lithium battery diaphragm technology. Then, he talked to the academicians and professors who ac-



Premier Li is visiting the State Key Laboratory of Polymer Materials Engineering of SCU



Premier Li came to the enterprise recruitment site in the Student Information and Career Center



Premier Li is Writing his name on the 120 Anniversary Flag of SCU

accompanied him on the tour of the lab, and encouraged them to accelerate the process of research translation.

Premier Li has always taken a special interest in the employment of college graduates. He specifically inquired about the Career Service Center of SCU and talked with students and corporate representatives who were at the career center for interviews. He also asked about the employment and start-up businesses of graduating students and corporate staff

training services. Then, Premier Li gladly autographed the ceremonial flag of the 120th Anniversary of SCU.

Premier Li was warmly welcomed everywhere across the campus. He had cordial talks with teachers and students, and the teachers and students gave Premier Li their enthusiastic reception in all kinds of ways.

Premier Li pointed out that college graduates created the most important

driving force that spurs social development. Their employment gives hope to their families and promotes social development. They should not be seen as a burden. Instead, they should become a positive and permanent driving force. Therefore, we should take as an important mission the employment of the 10 million plus college and technical school graduates and the responsibilities are shared among all the schools. As the largest, the best and the most important university in Sichuan,



Students welcoming Premier Li Keqiang to visit SCU

SCU shall play a leadership role in this regard. SCU was selected by the State Commission to become one of the schools to set up the first batch of demonstration bases for the college student innovation and entrepreneurship program. SCU shall, accordingly, assume the responsibility for college student innovation and entrepreneurship program and help bring about higher employment rate and better livelihood. Now, the state is making great efforts to build more world-class universities with first-rate academic and research programs. Toward this end, SCU will be actively involved and make its due share of contribution. 🏠

### ADDITIONAL INFORMATION

The polymer program at SCU was founded in 1953 by Academician Xu Xi, one of the founders who started research in polymeric materials and engineering in China and the Father of Plastics in China. Currently, the State Key Laboratory of Polymeric Materials and Engineering of SCU has been built into one of the largest polymeric materials research centers in the world, incorporating multiple functions of research, academic training and engineering applications. The lab ranks

at the top globally in the number of SCI publications on polymeric materials and engineering.

Now, many academic and research programs of SCU, represented by the polymer program, are taking the lead in China in terms of technological innovation, research and development and research translation. According to the 2015 Global Entrepreneurship and Industrial Cooperation ranking published by Times Higher Education, SCU ranked at the eighth place among the universities and colleges across the world, and the third place among those in China.

## SCU Led the Formation of the Sino-German Innovation Platform of “Clean Energy”

On behalf of SCU, Academician Xie Heping, president of SCU, signed a cooperation agreement for building Sino-German Innovation Platform “Clean Energy” as well as an agreement on joint cultivation project for doctoral students in collaboration with the Clausthal University of Technology on April 10<sup>th</sup>. The signing ceremony was attended by Prof. Wan Gang, vice-chairman of the CPPCC and the minister of the Ministry of the Science and Technology of the People's Republic of China, Mr. Schütte, executive vice minister of the Federal Ministry of Education and Research of Germany, Mr. Schneider, the Finance Minister of the Lower Saxony, Germany, Prof. Dong Qi, the minister-counsellor of the Education Office, Embassy of the People's Republic of China to Germany and Prof. Yan Shijing, vice-president of SCU.

Mr. Wan Gang addressed in his speech that: “As an open platform of scientific research cooperation between China and Germany, the Sino-German Innovation Platform ‘Clean Energy’ attracts universities, scientific research institutions and enterprises, helping to set an example in research fields, such as clean energy and renewable energy sources.”

During their tour in Germany, Minister Wan Gang and President Xie Heping visited the Energy Research Center and Battery Center of Lower Saxony in Goslar. Besides, President Xie Heping also attended the “Sino-German Cooperation Seminar” on invitation, discussing specific projects and working plan under the framework of Sino-German Innovation

Platform “Clean Energy”, especially the possibilities of further cooperation in the aspects of energy, environment, material and Industrie 4.0, etc.

The Sino-German Innovation Platform “Clean Energy”, under the support

of by MOST of the People's Republic of China, is organized jointly by SCU and the Clausthal University of Technology, and sponsored by many universities, scientific research institutions and energy enterprises in Germany and China,



including: the Yalong River Hydropower Development Company, Ltd., the University of Mining and Technology of China, Southwest Petroleum University, Institute of Rock and Soil Mechanics of the Chinese Academy of Sciences, Institute of Geology and Geophysics of the Chinese Academy of Sciences, Institute of Prospecting Technology of Chinese Academy of Geological Sciences, PetroChina, Sinopec, Energy Research Center of Lower Saxony, Germany (EFZN), Helmholtz-Centre Potsdam - German Research Centre for Geosciences (GFZ), Helmholtz Centre for Environmental Research (UFZ), Fraunhofer Heinrich Hertz Institute (Fraunhofer HHI) and Siemens. The project is scheduled to be launched in 2017, and be finished in three stages (9 years in total). The purpose of the Sino-German Innovation Platform "Clean Energy" is to carry out theme scientific research and academic exchange activities including carbon dioxide utilization and storage, multiple transformations of unstable excessive renewable energy, underground energy storing, deep-seated geothermal power generation and heating, as well as integrated technology of energy storage, deep rock mechanics and Jinping experimental base of microorganism in the process of platform construction. Adhering to the principles of "equal cooperation, advantage complementation, technology innovation, bottleneck breakthrough, mutual benefit and reciprocity, achievement sharing, property right negotiation and independent finance", the platform will conduct substantial cooperation, thus benefiting both countries in the domains of clean energy development.

Vice-president Yan Shijing and officers of the International Affairs Office of SCU also joined the visit. 🏠

## President Xie Visits the Technical University of Munich

On April 13<sup>th</sup>, Academician Xie Heping, president of SCU, visited the Technical University of Munich, Germany.

President Xie had a meeting with Dr. Meng Liqiu, EVP of the Technical University of Munich, during which they underlined the importance and necessity of positively advancing the multi-dimensional and multi-lateral cooperation and exchanges between both universities. As the friendly relationship between the governments of both countries is stably developed, it's the time to promote cooperation and exchanges amongst universities in both countries, Mr. Xie said, adding that both universities should grasp the opportunity and carry out cooperation in the domains such as education, economy, society, culture and new energy research.

Ms. Meng praised the speech of President Xie and expressed her willingness to promote cooperation and exchanges between both universities. Both sides reached a consensus on further promotion of cooperation and inked an agreement of cooperation in the following

aspects:

1. Exchange of faculty staff and students. Establish jointly visiting professor program, long-term and short-term student exchange programs involving joint-cultivation of undergraduates, postgraduates and doctoral students; select excellent students to attend the summer programs of both sides, etc.

2. Scientific research. Encourage faculty and staff to participate in scientific cooperation platform of both universities and apply for scientific cooperation research programs, etc.

Innovation and entrepreneurship education. Both sides will seek the possibility of establishing a high-end platform of innovation and entrepreneurship education. 🏠



## Australia's Ambassador to China Visits the West China Hospital

On May 26<sup>th</sup>, Ms Jan Adams, Australia's Ambassador to China and Ms Nancy Gordon, Consul-General of Australia in Chengdu, paid a visit to SCU. They learned the situations of the West China - Marshall Research Center for Infectious Diseases. In the exchange and cooperations between the West China Hospital and Australia, there are many remarkable achievements and substantial cooperation with Australian universities in the fields of infectious diseases, nursing and recovery; the Marshall Research Center for Infectious Diseases, co-founded with Prof. Marshall, a Nobel Prize Winner with the University of Western Australia, attracts attention and support from the Chengdu Municipal Government and Australian Government while enhancing scientific research strength of both sides. Ambassador Jan Adams said the bilateral relationship between China and Australia develops rapidly, and there is a great cooperation potential especially in the aspects of scientific research and innovation. She is also delightful on the cooperation between the West China Hospital and Prof. Marshall. She hoped that Australia could have more opportunities to cooperate with the West China Hospital in the future.

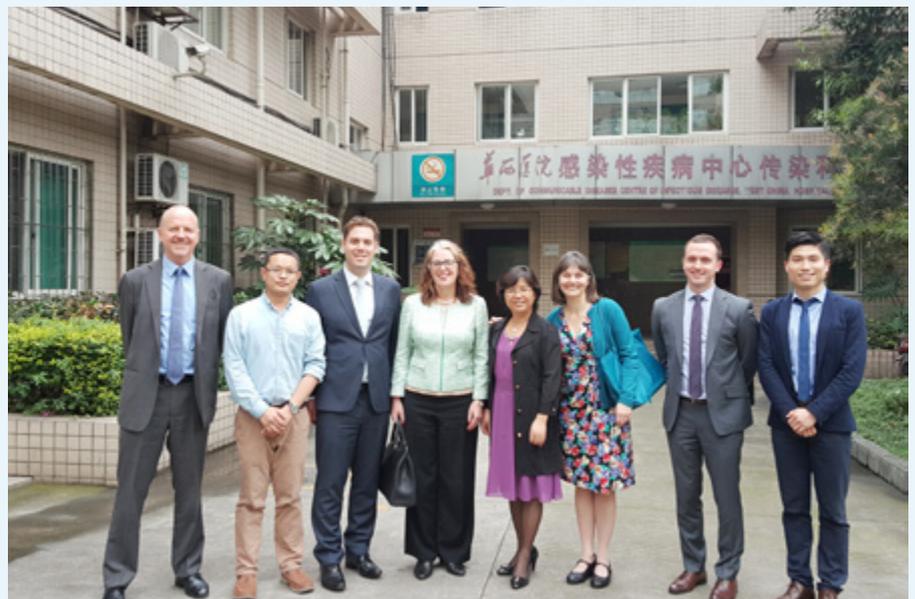
Consul-General Nancy Gordon said the West China - Marshall Research Center for Infectious Diseases set an example of medical and health cooperation between both countries since the establishment of the Consulate

General of Australia in Chengdu. And she will support the operation and future cooperation with full strength.

Consul Sean Starmer introduced the Endeavour Scholarships and Fellowships provided by the Australia

government, inviting the staff of the hospital with ambition and talent to study in Australia.

The delegation also visited the laboratory in the center. 卍



## SCU & the Vrije Universiteit Brussel co-founded Confucius Institute in Belgium

On May 18<sup>th</sup>, the grand opening ceremony of the Confucius Institute jointly established by SCU-Renmin University of China-the Vrije Universiteit Brussel was held in Belgium. Vice-president Yan Shijing, authorized by Academician Xie Heping, president of SCU, attended the opening ceremony and delivered a speech on behalf of SCU. This is the fifth Confucius Institute established by SCU. It witnessed the achievements made under the high-level Sino-EU humanitarian dialogue mechanism, and the amiable cooperative relationship between China and Belgium.

The Confucius Institute, jointly founded by SCU, Renmin University of China and the Vrije Universiteit Brussel, will be dedicated to building a new research-oriented Confucius Institute. While promoting the Chinese culture and Chinese language, it will focus on studies of Chinese and European problems, and enhance talent cultivation on European problem studies. This opening ceremony was covered by Brussels TV station and local media.

During the visit, Yan Shijing, Vice-president of SCU and Jan Cornelis, Vice-president of the Vrije Universiteit Brussel, entered into an agreement on a university-centered innovation platform for international cooperation (UCIP). The platform aims to build a multilevel and all-around innovation platform with social and economic influence on China and Brussels capital district, which will maintain the dominant role of universities and attract governments and enterprises of both sides to get involved. The platform will beef up international technical transformation, channel the mutual cooperation and actively explore the best way of interaction between Brussels and Chengdu in the high-



tech business environment. Both sides discussed the cooperative items and reached agreement on the approaches to implement relevant issues.

SCU delegation also visited the Katholieke Universiteit Leuven and the Universiteit Gent. A cooperative agreement was signed between SCU and the Katholieke Universiteit Leuven, under which both parties will enhance exchanges of students and teachers, and carry out students' joint cultivation program. The SCU delegation had an in-depth discussion and reached agreement with Guido Van Huylenbroeck, the vice-president on international affairs of the Universiteit Gent, and relevant professors of the Universiteit Gent on the path of promoting students and teachers exchange in both universities under the agreement framework.

To enhance cooperation and exchange with universities in the countries along the "One Belt and One Road" and in eastern European countries, SCU delegation visited the University of Ljubljana--ranking top first in Slovenia, from May 20<sup>th</sup> to 21<sup>st</sup>. SCU delegation had a meeting with Prof. Ivan Svetlik, president of the University of Ljubljana and raised constructive proposals on developing cooperation between both sides. They also reached agreement on establishing cooperative relationship and enhancing long-term and short-term exchange and study of students, etc. It's expected to enter a cooperative agreement at SCU this October.

People from the International Affairs Office and the School of Overseas Education of SCU also attended the aforementioned activities. 🇨🇳

## SCU Delegation Signs Cooperation Agreements with Universities in Kazan

On May 4<sup>th</sup>, a delegation headed by Xu Weilin, vice-president of SCU, attended the Sichuan - Republic of Tatarstan Promotion Conference, which was jointly held by the Sichuan People's Government and the Republic of Tatarstan. During the conference, vice-president Xu Weilin signed cooperation agreements with the vice-president of Kazan Federal University and the president of Kazan State Technical University. All sides held in-depth communications, expressing their desire to develop specific cooperation in student exchanges and joint research. Vice-president Xu accepted the interview of Kazan Federal University



TV during his visit. He also had an in-depth discussion with the vice-president of Kazan Federal University on future cooperation.

On May 5<sup>th</sup>, the delegation visited Saint-Petersburg State University. Mr. Xu recalled the history and looked into the future of cooperation and exchange between both universities when meeting with the vice-president Alexander Gogolesvky of Saint-Petersburg State University. Specific suggestions on scientific research cooperation and student exchanges between both universities were proposed. 🏠

## SCU Delegation Visits Oxford University & Cambridge University

From May 9<sup>th</sup> to 15<sup>th</sup>, 2016, Prof. Luo Zhongshu, the Executive Vice President of SCU headed a delegation to the University of Cambridge, the University of Oxford and the Center for Himalayan Studies of the National Center for Scientific Research.

During the tour to the University of Cambridge, the delegation held successively in-depth and detailed exchange and discussion with deans of the King's College, Pembroke College (the former secretary of the Environment Agency, UK) and

Gonville and Caius College as well as the head of Mongolia and Inner Asia Studies Unit. Relevant personnel attended the meeting. All parties reached consensus on further expanding cooperation, strengthening academic research, sharing resources, jointly holding International Conference and talent cultivation.



The delegation also visited the University of Oxford China Centre, during which both parties exchanged opinions and reached agreement on establishment of academic links amongst institutions and scholars, as well as strengthening

exchange and cooperation on relevant researches.

During visit to the Center for Himalayan Studies of the National Center for Scientific Research, both parties entered into an intent for cooperation on a wide range of matters, including employment of celebrated experts from the Centre to work in SCU, mutual exchange of scholars from

both sides, sharing documents and literature, carrying out cooperative study and joint post-doctoral cultivation, etc.

The delegation includes people from the School of History & Culture (Tourism), the Office of Social Sciences, the Collaboration Innovation Center for Security and Development of Western Frontier China and the "Cambridge Rivers Project".



## SCU Delegation Visits Hong Kong Polytechnic University and Hong Kong Jockey Club

On June 15, 2016, academician Xie Heping, president of SCU, led a delegation to visit Hong Kong Polytechnic University, and reviewed the communication and cooperation progress and achievements with his counterpart Prof. Timothy W. Tong. Both sides also discussed and planned the new contents and direction of their cooperation.

The Institute for Disaster Management and Construction (IDMR), which was established by the two universities after 8-year cooperation, has obtained rich achievements in various aspects such as discipline construction, social services, talent cultivation and cooperative scientific research.

Under the witness of teachers and students of the two universities, both presidents signed the "Memorandum of Understanding on Academic Cooperation and Communication".

Prof. Ke Ruiqing, the newly appointed full-time dean of IDMR, also participated in this visit. She is also the strategic development consultant of SCU and the former deputy



director-general of UNESCO. Having assumed senior positions in some world famous universities and international organizations, she has high-profile international vision, profound academic background and rich management experience.

Vice President of SCU, Prof. Yan Shijing, Vice President of Hong Kong Polytechnic University, Prof. Angelina YUEN, and the mainland affairs supervisor of HKPU as well as relevant personnel of the Hong Kong, Macao

and Taiwan Affairs Office of SCU also attended the meeting.

The delegation also visited the Innovation Building and Innovation Exhibition Center of Hong Kong Polytechnic University and met the representatives of SCU's Alumni Association of Hong Kong.

On that afternoon, the delegation paid a visit to Hong Kong Jockey Club, during which president Xie and Chairman Winfried Engelbrecht-Bresges cordially talked with each other, exchanged views and reached consensus concerning the Club's continuous support to the high-end development program of IDMR of SCU –and Hong Kong Polytechnic University.

In collaboration with SCU and Hong Kong Polytechnic University since the Wenchuan Earthquake on May 12, 2008, the Hong Kong Jockey Club helped to establish IDMR of SCU –and Hong Kong Polytechnic University. The Institute has achieved satisfactory results at home and abroad in disaster prevention and reduction discipline construction,



personnel training, international scientific research collaboration, construction of international alliance in disaster prevention and reduction, as well as disaster prevention and reduction knowledge dissemination, social services and other aspects.

President Xie, on behalf of SCU, expressed gratitude towards the Hong Kong Jockey Club for its strong support to the Institute's construction and development, and hoped that the Club will continue to support the cooperation between SCU and Hong Kong Polytechnic University, and make concerted efforts to build the Institute into an international example in training of disaster prevention and reduction talents, interdisciplinary integration and teaching scientific research.

Mr. Winfried Engelbrecht-Bresges noted that the goal of the Club is to serve the society and the public. It will continue to support SCU and the Hong Kong Polytechnic University to build IDMR into an international demonstration base for scientific research and training of talents in disaster prevention and reduction. 🏠

## SCU Delegation Visits Israel

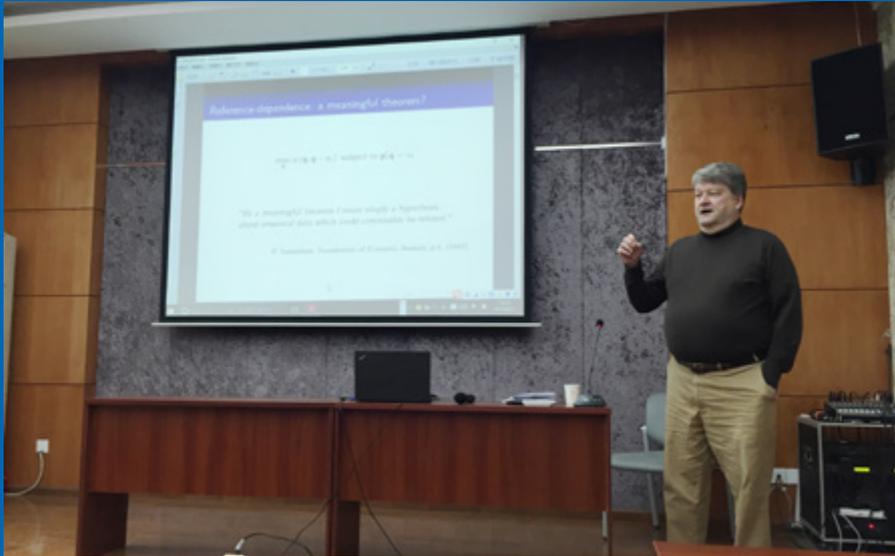
Vice-president Shijing Yan of SCU, invited by the Israel Ministry of Foreign Affairs, paid a visit Israel with a 7-member delegation from June 19<sup>th</sup> to 23<sup>rd</sup>. The purpose of this trip is to learn and study the advanced ideas and achievements of Israel universities and scientific research institutions in the fields of innovation and entrepreneurship. The two parties discussed the establishment of partnership in talents development and scientific research between SCU and top universities in Israel.

During the five days, the delegation visited five universities: Tel Aviv Universi-

ty, Bar-Ilan University, the IDC Herzliya, the University of Haifa, and The Hebrew University of Jerusalem and one top scientific research institution of Israel: the Weizmann Institute of Science and its affiliated company-- Yeda Research & Development Company Limited..

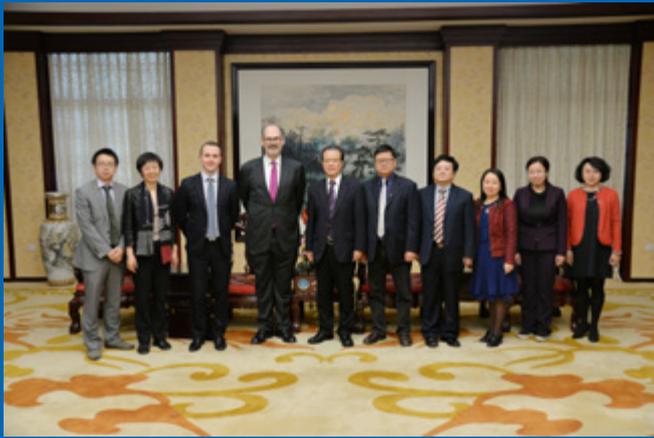
People from the Academic Affairs Office, the Office of Scientific Research and Development, the Office of Social Sciences, the Student Affairs Department and the International Affairs Office of SCU accompanied Prof. Yan Shijing during this visit. 🏠





April 18<sup>th</sup>

Prof. Vincent Paul Crawford from the University of Oxford Delivered a Lecture in the School of Economics



April 6<sup>th</sup>

Prof. Simon Evans, Vice-president of the University of Melbourne Australia, Leads a Delegation to Visit SCU



April 11<sup>th</sup>

A Delegation Led by Prof. John Dewar, President of the La Trobe University, Australia, Visits SCU



April 13<sup>th</sup>

Presidents & Delegations from the Lawrence Technological University and the Rockford University, U.S. Visit SCU



April 22<sup>nd</sup>

President Francis Campbell of the St. Mary's University Pays a Visit to SCU



April 25<sup>th</sup>

"One Road and One Belt": China and Nepal –Advanced Governmental Affairs Workshop I Completed

April 30<sup>th</sup>

American Academician Prof. Richard Lerner and Winner of Nobel Prize Prof. Barry Sharpless Visit SCU



April 26<sup>th</sup>

Delegation of City of Science in Naples, Italy Visits SCU



April 29<sup>th</sup>

University of Southampton, UK Renewed Cooperation Agreement with SCU



May 11<sup>th</sup> - 19<sup>th</sup>

2016 West China Hospital Anesthesiology Pain/Critical Care/ Emergency and Severe Cases International Academic Week Opens in the West China Hospital



May 12<sup>th</sup>

"Youth · Responsibility · Dream" The 3<sup>rd</sup> International Student Forum on Disaster Management Reconstruction



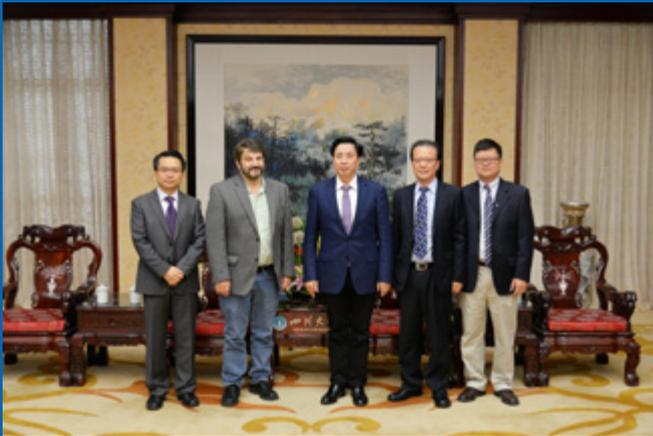
May 13<sup>th</sup>

A Foreign Envoy Delegation Visits SCU



May 20<sup>th</sup>

The Founder of The World Media Economics Conference & Professor at University of Oxford Robert G. Picard Delivered a Speech at SCU "It's no longer the same business? What you should be considering about contemporary media trends"



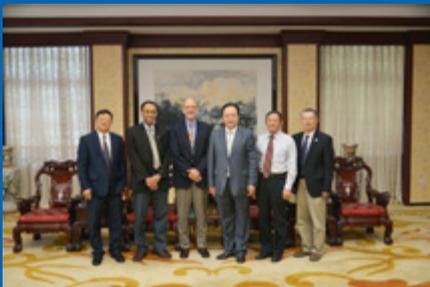
May 27<sup>th</sup>

Professor at Harvard University and Academician David A. Weitz Visits SCU



May 30<sup>th</sup>

Consul General of Czech in Chengdu Held Culture Seminars at SCU



June 7<sup>th</sup>

Prof. Brian Gerard Rowan at the School of Medicine of Tulane University Visits SCU



June 22<sup>nd</sup>

Westlake Youth Forum 2016 Opens at SCU



June 23<sup>rd</sup>

"One Road and One Belt": China and Nepal –Advanced Governmental Affairs Workshop II Attendees Visit Campus

## MOU Inked by SCU and Tel Aviv University

On May 31<sup>st</sup>, 2016, the signing ceremony of the MOU between SCU and Tel Aviv University was held in Tel Aviv University, Israel. The ceremony was attended by Mr. Yin Li, the governor of the Sichuan Provincial People's Government, along with other officials.

President of the Tel Aviv University Joseph Klafter briefed the representatives about the history and achievements of the University. The cooperation with SCU marked the debut of cooperation between Tel Aviv University and the peers in China, he said, adding that both sides could carry out in-depth and continu-

ous exchange and cooperation in several fields. Governor Yin Li delivered a passionate speech, in which he encouraged SCU and Tel Aviv University to develop comprehensive and in-depth cooperation and exchange, especially in the aspects of teachers and students exchange, cooperative scientific research as well as innovation and entrepreneurship. He also hoped that SCU could contribute more to the innovative development of social economy in Sichuan Province.

Then, witnessed by Governor Yin Li and the faculties and students from both universities, president Joseph Klafter of Tel Aviv University and vice-president



Yan Shijing of SCU (authorized by President Xie Heping) inked the MOU between SCU and Tel Aviv University. 🇺🇸

## West China Hospital and Thermo Fisher Research Platform Enlisted in the Sino-American People-to-people Engagement

Recently, vice premier Liu Yandong of the State Council of the PRC and John Kerry, the Secretary of State of the U.S, co-chaired the 7<sup>th</sup> Annual U.S.-China High-Level Consultation on People-to-People Exchange. The precision medicine joint platform established by the West China Hospital and the Thermo Fisher Scientific, as one of the six representative achievements, held its signing ceremony on June 6<sup>th</sup> in Beijing. Director Li Weimin of the West China Hospital and Gianluca Pettiti, president of Thermo Fisher China signed a MOU. Hao Ping, deputy education minister of the PRC and Richard Stengel, deputy secretary of state of the U.S. witnessed the



signing ceremony.

According to the agreement, both sides intend to carry out extensive cooperation in several fields so as to build the West China Hospital into a world-leading molecular diagnosis center. Cooperation hereto includes the establishment of a "modern clinical pathology united laboratory", joint construction of a college-enterprise cooperation platform in proteomics and molecular diagnosis, a physician training base for pathology

quality control and modern pathology diagnosis, so as to streamline the integrated business operation of high efficiency and safety.

The MOU signed by both countries is a part of cooperation and exchange in medical science and technology. Such mutual cooperation will fuel the development of precision medicine and pathological research in western regions for the benefit of the public.

Director Li said that the West China

Hospital strives to seek for cooperation with top-end hi-tech enterprise in the world, thus strengthening the advantages in pathology. It is expected to improve the quality of pathological research and clinical diagnosis together with Thermo Fisher. With unceasingly expanded cooperation, the development of precise pathological diagnosis in the west region can be accelerated, eventually bringing health and well-being to the society and the public, he added. 🏢

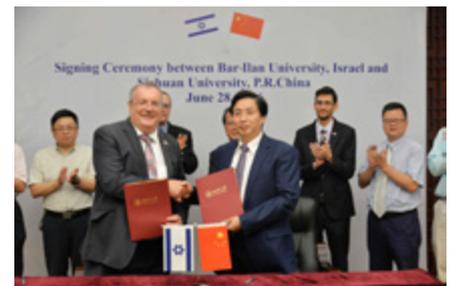
## MOU Concluded by SCU and Bar-Ilan University, Israel

On June 28<sup>th</sup>, Daniel Hershkowitz, the former head of the Ministry of Science and Technology and the president of the Bar-Ilan University, headed a delegation to visit SCU. President Xie Heping of SCU had a cordial discussion with the delegation, and the MOU of Strategic Cooperation between SCU and Bar-Ilan University was concluded. Mr. Amir Lati, the consul-general of Israel in Chengdu and Mr. Cobi Yanovsky, deputy consul-general of Israel in Chengdu, Vice-president Yan Shijing of SCU and relevant personnel from both universities attended the meeting.

Both sides hoped that through the MOU, a more extensive and solid partnership could be established, so as to boost cooperation and exchange between both sides in joint cultivation and "Mass Entrepreneurship and Innovation", while propelling the scientific research, innovation and entrepreneurship education in both

universities.

After the meeting, president Hershkowitz gave a keynote speech with the theme of innovation and entrepreneurship to over one hundred of teachers and students in SCU. He also had an interactive discussion with the teachers and students. 🏢



# The University Alliance for Cross-Strait Prevention and Reduction of Natural Disasters & Sustainable Development Inaugurated at SCU

On May 12<sup>th</sup>, the Founding Conference of the University Alliance for Cross-Strait Prevention and Reduction of Natural Disasters & Sustainable Development cum The 1<sup>st</sup> High-end Academic Forum was held in the Disaster Management and Reconstruction College of SCU. There are over 300 participants: the alliance members, specialist and scholars from relevant organizations of SCU and relevant fields, as well as representatives of professors and students across the strait.

President Xie Heping of SCU addressed the conference. A working



两岸四地防灾减灾  
永续发展大学联盟成立大会  
首届高端学术论坛



staff of the Conference read the Proposal for the University Alliance for Cross-Strait Prevention and Reduction of Natural Disasters & Sustainable Development. Representatives of the founding units of the Alliance, including Sichuan University, the Hong Kong Polytechnic University, the Hong Kong Jockey Club, the University of Macau, the Macau University of Science and Technology, Taiwan University, the Taiwan University of Science and Technology and the Beijing Normal University, signed the Regulations of the Alliance and the Proposal on the stage. They also unveiled the nameplate of the Alliance. Then, representatives of the founding units expressed their best wishes to the University Alliance for Cross-Strait Prevention and Reduction of Natural Disasters & Sustainable Development.

During the 1<sup>st</sup> High-end Academic Forum, over 50 specialists and scholars from universities and scientific research institution across the strait had in-depth discussion and exchange on the topic of “realizing sustainable ecological development, building green resilient towns”; the forum was divided into four subjects including construction of safe and resilient towns, realizing sustainable development of green economy, establishment of disaster prevention and control system and creating a healthy ecological environment. 🏠



## EU-China Open Lectures at SCU

On June 14<sup>th</sup>, the “EU-China Public Lecture Series in China” co-sponsored by the EU Delegation to China, School of Economics of SCU, the Centre for European Studies of SCU and the European Union Chamber of Commerce in China was held at SCU. Mr. Heuze, Financial Counselor of the EU Delegation to China, Prof. Apoteker, Chairman of the TAC Economics and Mr. Niethammer, Chairman of the Southwest Branch of the European Union Chamber of Commerce in China attended it. The Lecture was attended by Prof. Shi Jian, Jean Monnet Chair Professor and director of the Jean Nonnet Centre of Excellence in SCU, and Prof. Deng Xiang, Jean Monnet Chair Professor and Assistant Dean of the School of Economics as well as other scholars and over 200 teachers and students from the School of Economics and the College of Foreign Languages and Cultures.

Prof. Shi debriefed the history and development of the European problems' research and education in SCU, noting that SCU will continue to serve as an important think tank in the comprehensive strategic partnership between China and Europe, and will offer proposals and



suggestions to “One Belt and One Road” strategy and the “Investment Plan for Europe” propelled by EU.

Mr. Heuze delivered a speech under the title of “Characteristics of “Investment Plan for Europe” and its synergistic effect with ‘One Belt and One Road’”.

Prof. Apoteker delivered a speech of “Public Investment Tool: Effective Utilization of Private Capital”.

Prof. Deng Xiang gave a speech named “‘One Belt and One Road’ and Western Investment in China”.

Mr. Niethammer raised some constructive suggestions to solve problems of investment environment of great concern from European investors.

During the conference, teachers and students held positive interactions and exchanges with officers from the EU Delegation and the lecturers, deepening the understanding of teachers and students into the strategic partnership between China and EU and expanding the horizon of the audience. 🇺🇸

## International Conference on Biochemical Big Data and Healthcare Cost-Effectiveness Held at SCU

On June 16<sup>th</sup>, the International Conference on Biochemical Big Data and Healthcare Cost-

Effectiveness was Held in Chengdu, and attended by worldwide specialists and scholars in the field of Biochemi-

cal Big Data and representatives of SCU professors and students.

Prof. Li Hong, EVP of SCU and Di-

rector Li Weimin of the West China Hospital addressed the conference. A keynote speech themed with Health Big Data and Chinese Hygiene informatization Construction was delivered by Ren Meng-qun, director of the Statistics & Information Center under the National Health and Family Planning Commission of the People's Republic of China. And Prof. Matthew Boulton from the University of Michigan, U.S., introduced general conditions of the School of Public Health.

By fully tapping the biochemical big data, the Conference aims to provide research directions and management ideas on guiding the living behavior changes, disease prevention and treatment, scientific deployment of medical and health resources, construction of reasonable medical care service model and medical insurance payment system, establishment of new hospital management mode and clinical service mode, etc. It also focuses on the exploration of applications in the database establishment and integration, data drilling and mining, clinical diagnosis and treatment techniques and methods, etc.

As one of the academic activities during the 120<sup>th</sup> anniversary of SCU, the specialists and scholars participating in the Conference had in-depth and extensive discussions on research and utilization of medical big data. This could drive the research and utilization of medical big data, providing more methods and much broader horizon of medical big data research.

SCU plans to establish a biomedical big data research platform to integrate quality resources in the affiliated hospitals and colleges of SCU,



including the College of Software Engineering, College of Mathematics and the College of Life Sciences. Thus, a biomedical big data research

institute spanning cities, provinces and countries can be shaped to accelerate the scientific research of domestic biomedical big data. 🏠

# Prof. Xingdong Zhang Became President of International Union of Societies for Biomaterials Science and Engineering

Article/ Wanlu Zhao Photos/Changyou Gao

Prof. Xingdong Zhang from Sichuan University took over the leadership of the International Union of Societies for Biomaterials Science and Engineering (IUSBSE) as the new president at the plenary meeting on May 22<sup>nd</sup>, 2016 during the 10<sup>th</sup> World Biomaterials Congress (WBC 2016) at Montreal, Canada. Prof. Zhang presented a brief inauguration speech at the meeting chaired by Prof. Hasan Uludag, President of the WBC 2016. The former president, Prof. Nicholas Peppas announced at the Opening Ceremony of WBC 2016 on May 18<sup>th</sup> that Prof. Zhang would officially become the new president on May 22<sup>nd</sup>, 2016. Prof. Zhang was elected to President of IUSBSE (2016-2020) by the constituent societies at the IUSBSE Annual General Meeting in the end of August, 2015 in Krakow, Poland. Prof. Zhang is Honorary President of the Chinese Society for Biomaterials and also a member both of the Chinese and US national academies



of engineering.

In his speech, Prof. Zhang firstly thanked the constituent societies and all members for their support and trust, and giving him the opportunity to serve for the IUSBSE as the new president. He said biomaterials science and engineering is a multidisciplinary area which will bring benefits to all humans. International cooperation is very important for the development of biomaterials. This was the primary purpose to establish the International Liaison Committee of Societies for Biomaterials (ILC) in 1980 and IUSBSE in 1998. In the past 40 years, the Union has played a very important role in promoting the development of biomaterials worldwide, for example, from the 1<sup>st</sup> WBC in 1980 in Vienna to the 10<sup>th</sup> WBC in Montreal, the number of participants increased from 200 to nearly 4000. Prof.

Zhang also extended sincere appreciation to the Canadian Society for Biomaterials for their efforts to organize the successful congress, as well as to Prof. Nicholas Peppas for his great contributions to the IUSBSE in the past 8 years.

Prof. Zhang pointed out with continued progress made in science and technology, and growing clinical demands caused by aging population, increasing self-awareness of healthcare, today's biomaterials science and engineering is facing revolutionary change, and on the edge to major breakthroughs such as design and construction of entire human organs. At the same time, a promising biomaterials industry has been formed and develops very fast. As tremendous changes take place in the field of biomaterials science and engineering, IUSBSE is faced with new challenges. He said that he will do his utmost to make contributions to the IUSBSE and a healthier world with the concerted efforts with the world biomaterials community. At last, he welcomed everybody to the 11<sup>th</sup> World Biomaterials Congress in Glasgow, UK in 2020.

Since the foundation of IUSBSE, Prof. Zhang is the first president from China as well as from developing country, which symbolizes Chinese biomaterials field has become a more important player in the world biomaterials field. It is especially important to the development of Chinese biomaterials field. 🏠



# Prof. Hou Zhengmeng of SCU Elected as German Academician

Prof. Hou Zhengmeng, a senior foreign teacher of Sichuan University and concurrently a distinguished expert under “the Recruitment Program of Global Experts”, was elected as an academician of German Academy of Geo-sciences and Geo-technological Engineering (Mitglied der Akademie für Geowissenschaften und Geotechnologien e. V.) several days ago.

Prof. Hou has been engaging in scientific research and teaching of geo-mechanics and geo-environmental engineering for more than 3 decades, covering exploitation of underground clean energy resources; hydraulic fracturing technology for unconventional natural gas and deep geothermal resources; large-scale underground storage of natural gas, compressed air, strategic petroleum and renewable energy resources (power to X and storage); comprehensive utilization of underground space; underground storage and utilization of CO<sub>2</sub>; underground repository of radioactive nuclear wastes; rock salt damage and dynamics; real-time stability of borehole; geothermal, multi-phase geohydraulic, geomechanical and geochemical and other coupled processes in deep underground as well as their numerical modeling.

Prof. Hou took charge of and participated in more than 90 research projects of Germany and China. At present, he is responsible for multiple significant scientific research projects concerning long-term secure and stable underground repository of high-level nuclear wastes,

exploitation of tight gas and deep geothermal resources, enhanced gas recovery by CO<sub>2</sub>-injection, and others, which are funded by the Federal Ministry of Education and Research (BMBF), the Federal Ministry for Environment, Nature Conservation, Building and Nuclear Safety (BMU), the Federal Ministry for Economic Affairs and Energy (BMWi), Science Research Foundation of Germany (DFG), German Academic Exchange Service (DAAD) and other organizations. He has been also collaborating with Academician Xie Heping of SCU on three international cooperation projects funded by the Ministry of Science and Technology of PRC (MOST), the National Natural Science Foundation of China (NSFC) and Science Research Foundation of Germany (DFG). With his research achievements at international advanced level, he is a frontrunner of theoretical research and engineering practice in the field of mechanics of rock salt with large-deformation and low-permeability, a major founder of modern design theory for underground storage of natural gas and oil; a pioneer engaging in the research on long-term safety and tightness of geological CO<sub>2</sub>-sequestration and new well sealing technology, and also a senior expert of rock mechanics of petroleum and reservoir engineering. Particularly, he emphasizes basic and applied research as well as technology transfer, and practices very well the combination of applying available research results and further developing theories based on such applications. 🏠

## BACKGROUND INFORMATION



Prof. Hou Zhengmeng, male, 1963 born in Sichuan Province of China, is Director of Institute of Environmental Energy Technology at the College of Architecture & Environment of Sichuan University, Head of Rock Mechanics at Clausthal University of Technology and Energy Research Center of Lower Saxony in Germany, Chief German Scientist of Sino-German Energy Research Center, the Chinese Affairs Commissioner of Clausthal University of Technology, a Chair Professor of SCU (“985 Program” platform) and Visiting Professor of China University of Mining and Technology (Beijing). He boasts fruitful academic achievements: Among others, he initiated and chaired eight international academic conferences, edited as chief-editor two proceedings of international conferences, published six monographs and nearly 100 SCI and EI indexed papers; furthermore, he was the editor-in-chief for three thematic issues of two SCI magazines, and has been an editorial board member of three EI magazines and a invited peer reviewer of more than 20 SCI magazines.





*Sichuan University journals delegation visited Thomson Reuters (Beijing Office) April, 8, 2013*

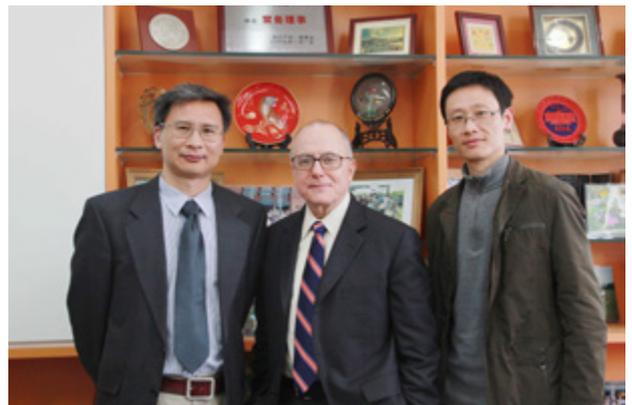
anthropology and to offer a new, integrated perspective of the field.

Prof. Li Cheng at tourism school in Sichuan University, the founding editor and service the journal as Editor-in-Chief. The initial issue published in 2010, up to now, IJTA editors consist of more than 40 world-class tourism scholars, who not only participate in the review of IJTA, but also contribute in person. In particular, there are international leading scholars, such as Jafar Jafari, Geoffrey Wall, Erik Cohen, Kevin Hannam, Arch G. Woodside, Kaye Chon, and Dallen J. Timothy etc. Some of them are also service as editor for SSCI indexed tourism journal, All papers in this journal must be submitted to international peer review in accordance with international norms without any form of layout fees. More than 95% of the published papers are from high-level research institutions in North America and Europe. International Journal of Tourism Anthropology which, although still very new as far as journals go, is becoming widely accepted and more popular as a social science outlet for international, English-language research under

the editorial leadership.

Dr. James Testa, vice president of Thomson Reuters for Web of Science journal evaluation, highly appraised, "IJTA is gradually becoming a world-class professional periodical". So far IJTA has been included in key funding objects of humanities and social science at Sichuan University, as well as funded projects for famous academic journal of tourism school at Sichuan University.

According to the latest report from Thomson Reuters Web of Science in June 2016, the international influence of IJTA is rapidly increasing. Authoritative data show that WOS citation rates of IJTA have reached 102 times, each reference number 1.85 on average and H-index has reached 5. The latest figures indicate that IJTA has been a variety of international database retrieval, and meanwhile published papers



*Met Dr. James Testa in Thomson Reuters (Beijing Office) April, 8, 2013*

have been cited over 30 kinds of international famous SSCI or SCI journals. Up to now, IJTA has a certain international influence and the papers published in IJTA have been cited in the international famous SSCI or SCI journal papers: *Annals of Tourism Research*, *Tourism Management*, *Journal of Travel Research* and *Tourism Geographies* etc. 📖

↗ *Periodical website:*  
[Http://www.inderscience.com/ijta](http://www.inderscience.com/ijta)  
 ISSN Online: 1759-0450  
 ISSN Print: 1759-0442

# An Excellent Research Work from SCU Published in an Authorized Journal *Cancer Cell*

Fanghui Lu, a Ph.D. candidate in Sichuan University, recently published a research article titled with "Olig2-Dependent Reciprocal Shift in PDGF and EGFR Signaling Regulates Tumor Phenotype and Mitotic Growth in Malignant Glioma" in *Cancer Cell*, which is a top journal in Cancer field with high impact factor (23.523). The first author, Fanghui Lu, is from Laboratory of Pathology in West China Hospital, Sichuan University. Her advisor is Prof. Hong Bu. In 2011, she went to University of Texas Southwestern Medical Center and in 2013, she continued to do her study in Cincinnati Children's Hospital Medical Center. This study is under the direction of Dr. Qing Lu, a visiting professor of our university.

Glioblastoma (GBM) is the most common malignant brain tumor in adults, exhibiting distinct molecular characteristics, while the underlying mechanism of tumor initiation and progression is not known yet. In this study, Lu et al. identified mitotic Olig2+ cells as glioma-propagating cells in gliomas by a cell suicide mouse model, elimination of which blocks tumor initiation and progression. Intriguingly, deletion of Olig2 resulted in tumors that grow, albeit at a decelerated rate, which further support the essential roles of Olig2 in gliomas. As well, using the next generation sequencing for genome occupancy and expression profiling analyses, they discovered that Olig2 directly activates cell proliferation machinery to promote tumorigenesis. Olig2

Figure from the preview article "Head of the Class: OLIG2 and Glioblastoma Phenotype" in *Cancer Cell* this issue:

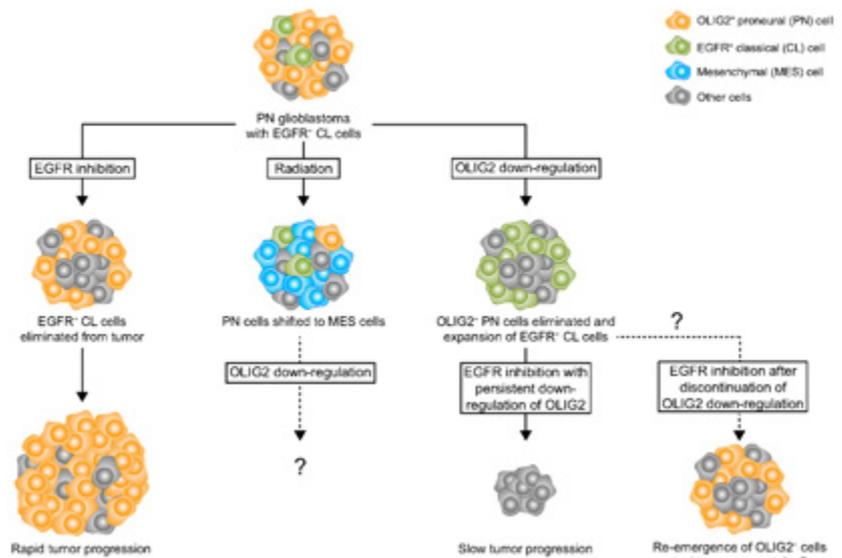


Figure legend: Genomic mapping has driven the classification of glioblastoma into distinct molecular subclasses, but mechanisms that regulate tumor subclass phenotypes are only now emerging. In this issue of *Cancer Cell*, Lu et al. describe a phenotypic switch from PDGFRA-enriched "proneural" to EGFR-enriched "classical" features in glioblastoma upon ablation of Olig2.

deletion causes a tumor phenotypic shift from an oligodendrogenesis-correlated proneural toward an astrocyte-associated classical gene expression pattern, manifest in down-regulation of PDGF receptor- $\alpha$  and reciprocal up-regulation of EGF receptor signaling. Olig2 deletion further sensitizes glioma cells to EGF receptor inhibitors and extends animal life spans. Thus, Olig2-orchestrated receptor

signaling drives mitotic growth and regulates glioma phenotypic plasticity. Targeting Olig2 may circumvent resistance to EGFR-targeted drugs. The profound impact of targeting Olig2 and EGFR signaling on glioma formation illuminates an alternative avenue to stratify GBM treatment with tailored pharmacological intervention to inhibit the growth of these highly lethal malignant brain tumors. 🏠

# Oxford Distinguished Speaker Program

SCU-University of Oxford Senior Professor Speaker Program, launched in 2015, is an important part of the cooperation between SCU and the University of Oxford. Four senior professors attended the program in 2015. During their stay in SCU, two academic lectures and two seminars will be held, including a general lecture for a broad coverage of audiences, a professional lecture and two research seminars. Relevant academic exchange activities will also be conducted to explore the possibility of further cooperation.

As one of the activities for the 120 Anniversary of Sichuan University, the 2016 Oxford Distinguished Speaker Program will be attended by 10 professors from the University of Oxford, and 5 of them have already been here.

The professors' lectures aroused wide concern of the students and teachers at SCU. We've benefited a lot and broadened our vision from this precious learning & exchange opportunity, most of them said.

## I. Keynote Speaker:



**Prof. Robert Wilkins**  
*St Edmund Hall of Oxford*

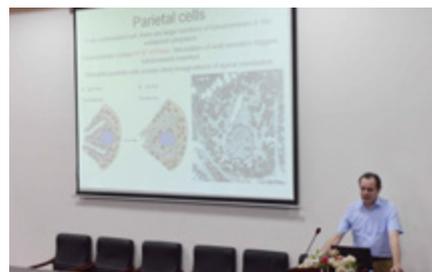
**Date:** March 7-8, 2016

**Place:** West China School of Medicine, Sichuan University, State Key Laboratory of Biotherapy

wonderful lectures and academic reports, sparking active interaction between the teachers and students and providing an opportunity to experience the education mode of the University of Oxford. During his visit to the laboratory of Biomedical Engineering, he had an exchange and discussion with the professors and students there. For the questions raised by the students, Prof. Robert gave his answers in detail. And they also discussed the cooperation direction of great concern and potential.

With the visit, the professors and students of SCU witnessed the education style of the professor in world-leading

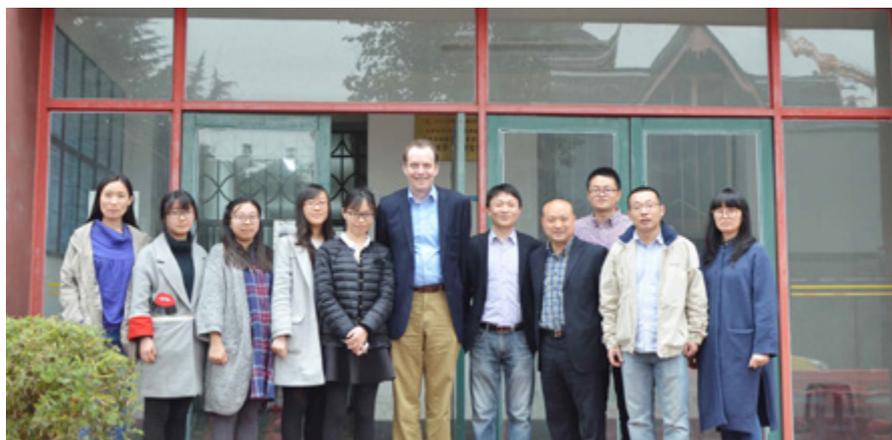
universities and learned the latest progress of relevant fields. This is highly beneficial for them. Excellent students of SCU are welcomed to study and make exchange in his laboratory in the University of Oxford, said Prof. Robert Wilkins. And he hoped that both parties could establish a deeper cooperation relationship.



## Training content:

1. Gastric acid secretion: physiological and pharmacological control
2. The kidney as an endocrine organ
3. Cell volume regulation and cancer
4. Cartilage matrix vesicles and osteoarthritis

During the two-day academic visit, Prof. Robert Wilkins delivered vivid and



## II. Keynote Speaker:



**Prof. Jason Gaiger**  
*St Edmund Hall of Oxford*

**Date:** April 5-6, 2016

**Place:** Arts School of Sichuan University

### Training content:

1. Ideal Form and the Representation of Landscape
2. Imaginative Engagement and the work of Art
3. Discussion on the Fifteen Discourses Delivered in the Royal Academy
4. Discussion on the Laokoon oder Über die Grenzen der Malerei und Poesie

Four lectures delivered by Prof. Jason Gaiger in the Arts College in two days presented a grand banquet of knowledge for the students in the Arts College. The lectures broadened the horizon of the students, and also spurred them to explore and understand the artistic aesthetics and theoretical knowledge in arts. Such cross-border art exchange embodies the spirit of trans-boundary freedom in arts, benefiting

a lot the students attending the lectures. "Through the face-to-face contact, we not only got the answers we want, what's more importantly, we learned the spirit of concentration on art and truth pursuit."



## III. Keynote Speaker:



**Prof. Richard Walker**  
*St Edmund Hall of Oxford*

**Date:** May 18-23, 2016

**Place:** Jiuzhaigou International Laboratory, College of Architecture & Environment

3. Historical earthquakes and active faults of the Ordos margin
4. Discussion on inter-discipline student cultivation in Geonomy - Environmental Science

Prof. Richard Walker gave academic reports to graduate students and undergraduates in the College of Architecture & Environment during his visit. He also held a seminar with the researchers in the Jiuzhaigou International Laboratory for Ecology, Environment and Sustainability, the State Key Laboratory of Water Conservancy and the College of Water

Resource & Hydropower. Besides, Prof. Richard had a discussion with relevant teachers in the College of Architecture & Environment. Meanwhile, he conducted a two-day field study and a one-day cultural inspection. President Xie Heping also met with Prof. Richard Walker. The visit of Prof. Richard Walker boosted the demands of SCU in Geonomy cooperation, contributing a lot to SCU's interdisciplinary construction. Both parties discussed the future cooperation, especially those relevant to geological disaster. They also discussed issues on joint courses and education innovation, etc.

### Training content:

1. The use of satellite remote sensing in the study of earthquakes and other changes in the ground surface
2. Earthquakes on an urban planet: challenges for the 21<sup>st</sup> century



#### IV. Keynote Speaker:



**Dr. Dominik Karos**  
St Edmund Hall of Oxford  
**Date:** May 19-23, 2016  
**Place:** School of Economics

#### Training content:

1. Introduction to cooperative game theory
2. Effectivity Functions: From Constitution to Power
3. Power in Mutual Control Structures
4. Coordinated Behaviour in Social Networks

Dr. Dominik Karos from the St Edmund Hall of Oxford gave a series of academic lectures for 4 days under the title of "Innovation Diffusion of the Game Theory and Social Network". These lectures were carried out in a lively atmosphere, broadening the research thoughts of the audience. Dr. Dominik Karos also explained his academic viewpoints un-



der the framework of a strict logical frame. In the abundant content system, detailed cases were presented, exhibiting his solid scientific attainments and profound knowledge. Therefore, the teachers and students attending the lectures showed keen interest in the topics of each lecture, and had active interaction with Dr. Dominik, bringing about good results to the activity.

#### V. Keynote Speaker:



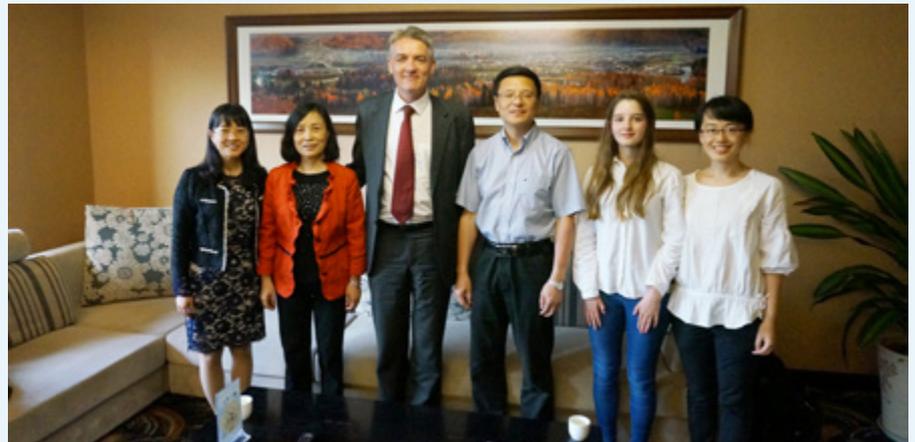
**Prof. Peter Rothwell**  
St Edmund Hall of Oxford  
**Date:** May 28-June 3, 2016  
**Place:** West China School of Medicine

On May 29<sup>th</sup>, Prof. Rothwell attended the 2016 Tianfu International Cerebrovascular Disease Conference and gave a keynote speech on prevention of stroke. On May 30<sup>th</sup> to 31<sup>st</sup>, he gave four academic exchanges in the forms of lectures and seminars, etc, delivered two keynote lectures and two seminars to the physicians, visiting physicians and graduate students in the Neurology Dept.. They also discussed the stubborn disease

cases in neurology, gave directions on and modified the research articles. Besides, they carried out in-depth exchange on the research fields and achievements of concern. The activity aroused wide attention from the teachers and students in SCU and the West China Hospital. They benefited a lot from the activities and their horizon has been broadened. And it's a precious opportunity for study and exchange, they stressed. 🏠

#### Training content:

1. Speech given in the Tianfu International Cerebrovascular Disease Conference: Improving prevention of stroke
2. Aspirin – developments in understanding the effects of a very old drug
3. Applying the results of randomised trials to treatment decisions in the 'real world'
4. Discussion on stubborn disease cases
5. Clinical research and essay modification.



## College of Chemistry

By Xiaoshuang MA

### Dean's Note



Prof. Xiaoqi YU  
Yangtze River Scholars Distinguished Professor  
Dean of College of Chemistry

The College of Chemistry (CoC) at Sichuan University (SCU) has a history of more than 100 years. In 1907, the chemistry class and applied chemistry of the Science Department at the Sichuan School of Higher Education, the predecessor of the College of Chemistry, was established. Over a century of discovery and experience has nurtured an excellent academic atmosphere and a great educational tradition

Adhering to the development strategies of “innovating the reform mechanism, optimizing resource allocation, leveraging the construction of high-caliber talent team and propelling first-class

discipline development”, CoC endeavors to build a world-leading chemistry discipline by underlining the construction of high-caliber talent team and improving discipline competitiveness through internal training and external talent attraction.

The College boasts its excellent faculty team and has registered prominent discipline construction and scientific research achievements. At present, it has established several national and provincial scientific research bases, including the “National Engineering Laboratory of Eco-Friendly Polymeric Materials”, the “Key Laboratory of Green Chemistry &

Technology (Sichuan University), Ministry of Education” and the “Engineering Research Center of Eco-Friendly Polymeric Materials of Ministry of Education”. In 2010, the College was awarded the “Innovative Research Group” from The National Natural Science Foundation on the subject of “New Reaction and New Strategy of Highly Selective Organic Synthesis”. By December 2014, the Chemistry Discipline ranked among top 1‰ by ESI, while is still moving forward steadily.

In the past five years, over 1400 research papers have been listed in SCI and over 80 papers published on world-

“ As an experimental science, Chemistry is also a very important basic science. Conducting Chemistry experiments is similar to cooking. People who are experts in Chemistry must be excellent cooks. Therefore, let's study Chemistry and enjoy life at the same time.”



top chemistry journals, such as *Angew. Chem. Int. Ed.*, *J. Am. Chem. Soc.* etc. In addition, the College has applied for 130 invention patents, 80 of which were granted.

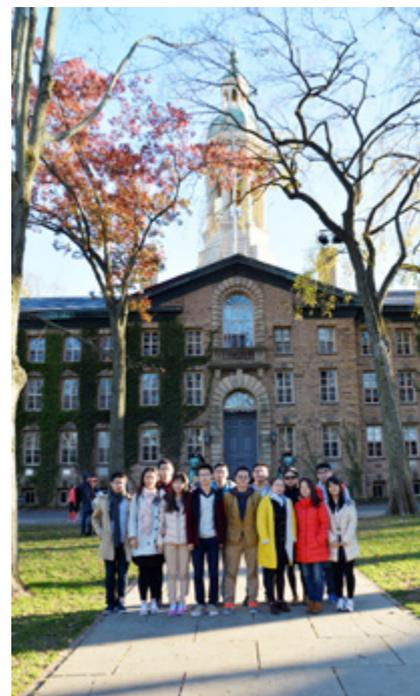
Currently, the College has more than 1000 undergraduate students, 400 graduate students and 150 PhD candidates. Our students become highly competitive on the job market.

Our distinctive research fields include Green Organic Synthetic Chemistry, Environment-Friendly Polymer Materials, Key Nuclide Separation and Nuclear Waste Treatment, Catalytic Chemistry, Biosensor and Biomass Converting. In addition, our research findings in asymmetric synthesis and halogen-free flame retardant materials have a great impact on the international counterparts.

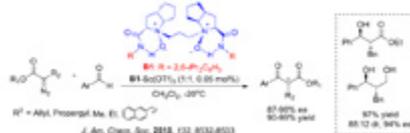
The CoC collaborates with a variety of universities and research institutions both in China and abroad. We have over 50 scholars visiting our college to give short lectures and over 30 faculty members going abroad for academic exchange and cooperative research every year. By far, the College has established teaching and research cooperation with many institutions in countries and regions worldwide, including the U.S, the U.K, France, Germany, Belgium, Japan, South Korea, Canada, Australia, Singapore as well as Hongkong, Macao and Taiwan. In the past three years, we have over 20 students went abroad (joint cultivation) and about 100 students to participate in international academic conferences, which significantly improve the teaching and scientific research.

#### Four outstanding achievements of the College

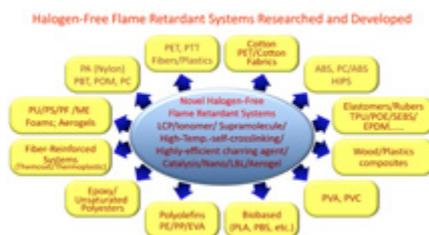
##### 1. The Chiral N, N' - Dioxide -



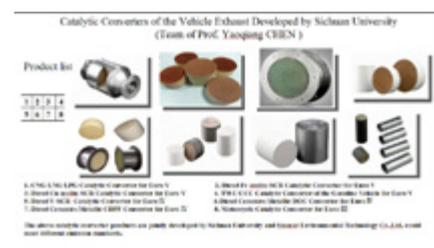
Sc(OTf)<sub>3</sub> Complex catalyst under the research of Prof. Xiaoming Feng realized the first catalyzed asymmetric Roskamp reaction characterized by its high efficiency and high selectivity. The consumption of catalyst can be reduced to 0.05 mol%.



2. The halogen-free flame retardant polymer materials research led by Prof. Yuzhong Wang obtained a series of basic and practical achievements.



3. The R&D team led by Prof. Yaoqiang Chen of the Institute of Catalytic Material Science of SCU, through the mode of industry-university-research cooperation, established a partnership with the Sinocat Environmental Technology Co., Ltd with its cleaning catalyst technology for the vehicle exhaust.



4. The research group of Prof. Hua Chen, on the basis of basic research for a long time, has developed water-organic two-phase olefin hydroformylation cleaning technology with proprietary intellectual property rights of China. The technology has realized industrialized application. 🏭

# GLOBAL ALUMNI ENTREPRENEURS ASSOCIATION OF SICHUAN UNIVERSITY Established

Global Alumni Entrepreneurs Association of Sichuan University was established on May 29<sup>th</sup>, 2016, which attracted 118 alumni entrepreneurs of SCU from all over the world. The Association plans to set up a Global Alumni Entrepreneurs Foundation of SCU with a capital scale of CNY one billion, which aims to support students of SCU and excellent youth in the world to start their business, transform their research findings commercially and carry out university-industry cooperation in Chengdu and even across China. Besides, it intended to provide support to the alumni for their transformation and upgrade amid “mass innovation and entrepreneurship”.

The establishment of the Global Alumni Entrepreneurs Association of SCU is one of the major theme activities of the 120<sup>th</sup> Anniversary of SCU. As an important force of building the SCU National Mass Innovation and Entrepreneurship Demonstration Center, the Association is geared towards combining the strength of global alumni to build a mutually beneficiary platform for win-win development. It will also give full play to the role of alumni entrepreneurs, comprehensively promote innovation and entrepreneurship education of SCU and support SCU in building a world-class university.

Recently, SCU was enlisted as one of the first batch of “Mass Innovation and Entrepreneurship” Demonstration Centers together with Tsinghua University, Shanghai Jiao Tong University and



Nanjing University. Academician Xie Heping, President of SCU, expressed his hope that, based on the Association, a program could be launched to provide value-added opportunities to SCU’s graduate students during their “Mass Innovation and Entrepreneurship”, including: providing stronger innovation and entrepreneurship services, venture invest-

ment, enterprise incubation, creative realization, achievement transformation, so as to realize added value of the “Mass Innovation and Entrepreneurship Talent” projects, the “Mass Innovation and Entrepreneurship Talent” enterprises and the “Mass Innovation and Entrepreneurship Campaign”. 📌

# Notes on SCU GUDP Team's Trip to Stanford University

By Chunlan ZHAO

From May 25<sup>th</sup> to June 1<sup>st</sup>, 2016, a 20-member delegation of Global Urban Development Program of Sichuan University (SCU GUDP), headed by Prof. Xiong Feng, Dean of College of Architecture and Environment, paid a visit to Stanford University for academic exchange on GUDP achievements.

## Visit to Stanford University and Silicon Valley

On May 25<sup>th</sup>, the team arrived at its first stop, Stanford Resource Recovery Center (SRRC).



*SCU GUDP team, Dr. Sebastien Tilmans and Teacher Derek in front of SSRC*

On May 26<sup>th</sup>, we reached Institute for the Environment. They attended the Stanford University GUDP team's internal debriefing and discussion, and then visited LEED-platinum certified Y2E2 Building and the Center's ecological courtyard.



*Held an internal debriefing and discussion inside Y2E2 Building*

Then we visited the Central Energy Facility (CEF) which had been put under operation for more than one year. This energy center supplies power for over 300 buildings within the campus as well as water needed for heating and cooling.



*Visit to CEF Central System Control Room*

On May 27<sup>th</sup>, in the celebrated Silicon Valley, the team visited ZeroWaste Energy Development Co., Ltd., the biggest company in the US engaging in organic waste treatment by virtue of dry fermentation technology. We learned the heat recovery, reclaimed water use and some other steps, especially the sustainable development



*Visit to ZeroWaste*

In the afternoon, we observed Stanford University GUDP Team's achievement report made to the planning and housing de-

partments under the Civic Center as well as related organizations.

During the 3-day tour, all teachers and students of SCU GUDP team cherished each learning and exchange opportunity, and benefited a lot from active thinking, questioning and discussion.

### Successful GUDP Presentation and Exchange in Stanford University

On May 31<sup>st</sup>, the team presented GUDP's research achievement covering sustainable development of Chengdu Hi-tech Industrial Development Zone (South Park).

Five professors and fourteen students of Stanford University attended the presentation. Prof. Lu Hongyan, a member of SCU GUDP team, gave a brief and humorous warm-up introduction, followed by students' presentation composed of general introduction, traffic organization, public space and project summary. Subsequently, Luo Xiaoxuan, Xiong Zixiao, Liu Dan, Li You presented a professional and relaxing report.



During Q&A, the GUDP teams of the two universities engaged in a heated discussion. Prof. Leckie, an academician and GUDP Director of Stanford University, delivered a conclusive speech with high appraisal and heartfelt thanks to SCU GUDP team.



*Prof. Feng XIONG and Prof. Leckie*



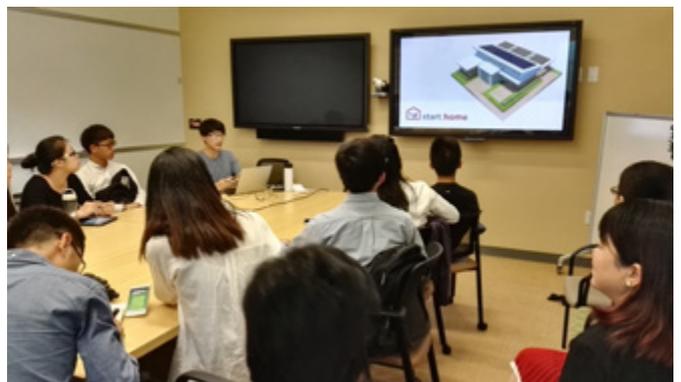
*Took a group photo as a memento of the one-year cooperative program*

After the presentation, the two parties discussed the further collaboration in the future. Stanford highly praised the achievements of Sichuan University in talents cultivation of urban sustainable development. Stanford was looking forward to further scientific cooperation with Sichuan University.



### Experiencing Stanford University's Passion for Innovation

SCU GUDP team was also briefed about the glory achieved by Mr. Derek, a young scholar of Stanford University, and his team in International Solar Decathlon (SDC) 2013-2014.



*Attended the term-end presentation of Urban Study course*



On June 1<sup>st</sup>, we were invited to attend the Sustainable Urban System Symposium at Stanford sponsored by the Department of Civil and Environmental Engineering of Stanford University and presided by Prof. Leckie. During the symposium, relevant scholars and professors from scientific and social institutions in San Francisco Bay Area and Stanford University gave respective keynote speeches and conducted discussions centering on sustainable urban development.

During the 8-day visit, through exchange and discussion with some of Stanford faculty and students as well as site visit to research bases, the SCU GUDP team achieved a better understanding of Stanford University's "Global Sustainable Urban Development" curriculum oriented at actual projects on the basis of interdisciplinary and professional perspective. The

team also had a close observation and experience of Stanford University and American society. This academic exchange not only turns out to be a precious learning journey for all of the team members, but offers an access for related specialties and disciplines of Sichuan University to joint exploration of sustainable curricula construction. More importantly, it will lay a solid foundation for further teaching and research cooperation and exchange between Sichuan University and Stanford University. We, the teachers and students majoring in Environmental Science and Engineering, Urban and Rural Planning, Architecture, Landscape Architecture, Civil Engineering and Economics respectively, would like to express thanks to our Sichuan University for providing us such a valuable platform for learning and exchange. 卍

# Phoenix Art Festival







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