四川大學
SICHUAN UNIVERSITY

SICHUAN UNIVERSITY NEWSLETTER

AUTUMN 2014 ISSUE 8





ROF. KEITH GULL, PRIN

Liu Yandong





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四川大學
SICHUAN UNIVERSITY

Sichuan University
NEWSLETTER
AUTUMN 2014 ISSUE 8

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

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SCU Delegation Attends the Second Meeting of Mechanism on China-EU High-Level People-to-People Dialogue

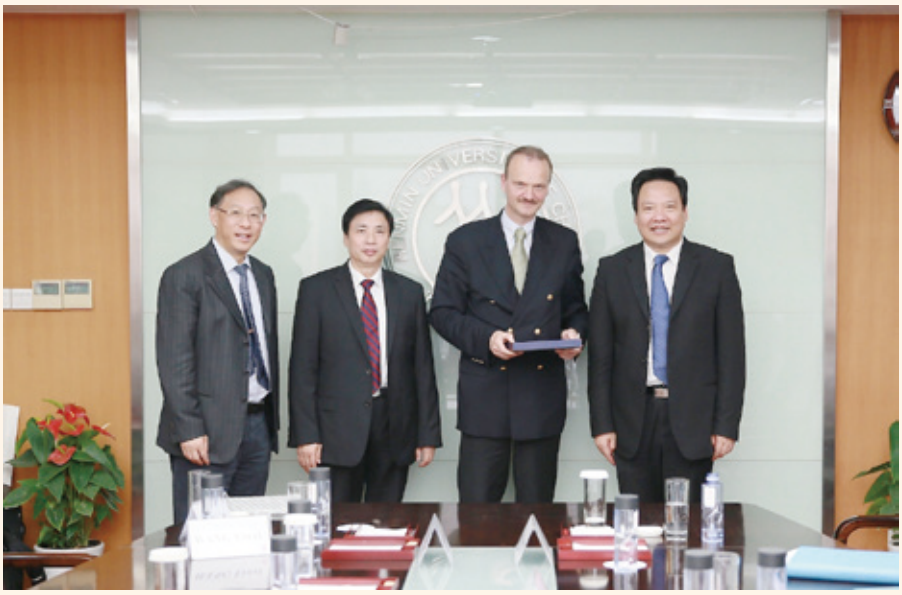
Vice Primer Liu Yandong and Commissioner Androulla Vassiliou read out congratulatory letters from China's President, Mr. Xi Jinping, President of the European Council, Mr. Herman Van Rompuy and President of the European Commission, Mr. Jose Manuel Durao Barroso.Vice primer Liu Yandong and Commissioner Androulla Vassiliou, as chairmen of the mechanism representing China and EU respectively, then made keynote Speeches. At last, chairmen of the both sides inaugurated Brussels Academy of China and European Studies established jointly by Sichuan University, Renmin University of China, Fudan University and Vrije Universiteit Brussel (VUB) of Belgium. President Xie Heping, party secretary of Renmin University of China Jin Nuo, President of Fudan Univerisity Yang Yuliang and Rector of Vrije Universiteit Brussel (VUB) Paul De Knop attended the inauguration.

Before the meeting, Vice Primer Liu Yandong and Commissioner Androulla Vassiliou attended China-EU Student Forum co-sponsored by Sichuan University, Renmin University of China and Fudan University.

Vice President of SCU, Prof. Yan Shijing and dean of Centre for European Studies/Jean Monnet Centre of Excellence of SCU, Prof. Shi Jian, together with representatives of the International Office and the center of SCU attended the Forum.

SCU President Xie Heping Attends Joint Conference of Presidents from Four Universities of China and EU

In the afternoon of 5th, September, SCU President Xie Heping attended the joint Conference of from four universities of China and EU.Other participants were president of Renmin University of China, Chen Yulu, Vice President of Fudan University, Feng Xiaoyuan, and Rector of the College of Europe, Mr. Jorg Monar as well as relative personnel of these universities.



On 1st April, 2014, President Xi Jinping delivered an important speech at The College of Europe located at Brugge of Belgium.On the same day, The College of Europe reached a Strategic Partnership Agreement with Sichuan University, Renmin University of China and Fudan University, namely 3+1 Cooperation Agreement.This Joint Conference was conducted with a purpose of finding a way to aggressively promote and implement cooperation and exchange programs in the background of 2nd Session of China-EU High-level Cultural Exchange Mechanism to be held in Beijing.

Leaders of the four Universities attending the conference all regarded the 3+1 cooperation as an innovative cooperation model and a new attempt for all parties concerned.In the conference, President Xie Heping pointed out that the three universities of China were the highest level universities with longest history of European issues study and most reasonable geographical layout;Located in the west of China, Sichuan University is one of the comprehensive research universities with longest history, complete disciplines and largest scale.making use of their own advantages, all parties of China and EU can explore multiple cooperation models, such as exchange visits of teachers and students, cooperation in scientific research, establishment of mutual fund for related fields and co-sponsorship for international conferences, etc.Cooperation intentions and suggestions proposed by all universities were responded with serious and fruitful discussion in the conference, and will be implemented for the near term.During the meeting, Rector of the College of Europe Jorg Monar accepted the invitation to attend China Day activities in the end of September at Brussels, co-sponsored by Sichuan University, Renmin University of China and Fudan University and supported by special fund of the Ministry of Education.China Day has turned into one of the important activities within the frame of China-EU High-level Cultural Exchange Mechanism.

In the evening of 1st April, 2014, under the invitation of Rector of Vrije Universiteit Brussel (VUB), Prof. Paul De Knop and Belgian Ambassador to China, Mr. Ma Huaiyu, President Xie Heping attended the special reception held at Embassy of Belgium, in celebration of the successful convening of the 2nd Session of China-EU High-level Cultural Exchange Mechanism at Beijing and the establishment of Brussels Academy of China and European Studies.

Keith Gull, Principal of St. Edmund Hall of Oxford University, Visits SCU

During September 24-25, Keith Gull, Principal of St. Edmund Hall of Oxford University paid a 2-day in-depth visit to SCU accompanied by President Xie Heping.

On the morning of Sept. 24, Keith Gull, Principal of St. Edmund Hall of Oxford University and Dr. Xie Heping, President of SCU, held a discussion on constructive cooperation between two universities. In the discussion, Principal Gull said jokingly he found a new friend in China.

And then Principal Gull visited College of Business, and Prof. Xu Jiuping, Principal of College of Business, briefed the situations of this College. Both sides also conducted a heated and effective discussion on comprehensive cooperation, especially on MBA education cooperation.

On the afternoon, Principal Gull had a discussion with students from Wuyuzhang Honors College. The students are the soul and heart of a university, the youth should be imaginative to their future. The future is created and led by the youth, so the relay baton shall be handed over to the youth, said Prof. Gull. In the following discussion, some students asked "Wall Street is well-known as the world's financial center and Shanghai also has its free trade zone, why Oxford chose the relatively undeveloped Southwest China other than the metropolis?" Principal Gull answered "Oxford has an integrated overseas development planning, economically developed metropolises are not surely included in its development strategy; compared with the saturation condition in metropolises, the southwest region has broader development potential."

Afterwards, Principal Gull gave a speech titled Oxford, St. Edmund Hall and China: History, Present and Future to the students and teachers of SCU; he introduced the University of Oxford and St. Edmund Hall and then underlined that Oxford deeply understands the "Unknown is More Important than We've known"; thus, all colleges mainly implement the tutorial system and lay emphasis on the students' individualized development, striving to improve their methods and abilities of accessing and utilizing the knowledge, and spurring them to create their own creativity and critical attitudes.

In the evening, Chengdu's deputy mayor Liu Shoucheng came to SCU and held a meeting with Principal Gull. He expressed his warm welcome to Principal Gull, and hoped to conduct normal cooperation between Oxford and SCU, thus contributing to Chengdu's economic construction and environmental protection. Principal Gull said he is optimistic about Chengdu; the development momentum of Chengdu and SCU is promising.

On the morning of Sept. 25, Principal Gull visited West China Hospital, having an in-depth discussion with directors of West China School of Medicine and West China Hospital on medical students' training and medical research. And then he visited the Clinical Skills Center's Simulative Operating Room and Pathological Specimen Room, etc, of West China School of Medicine/West China Hospital. During the visit, he repeatedly praised West China Hospital's great scale, high level and quality.

And then Principal Gull, as a molecular biology specialist, made a speech titled Apicomplexans: obligate intracellular parasites in the lecture hall, offering a vivid and deep molecular biology course. After the speech, Principal Gull visited the campus, especially the library, lotus pond, west China bell tower, and other historic buildings. He asked much about the moving stories behind these Chinese and Western style buildings.

On the afternoon, Principal Gull visited Chengdu Municipal Government to meet Mayor Ge Honglin and other municipal leaders; they exchanged their views on promoting urban development by cooperation of universities and colleges.

And then, Principal Gull returned to SCU and visited the SCU Museum, which was set up earliest in Southwest China as one of the most historic museums in China. He highly praised the featured collection of paintings and calligraphies, ceramics, art sculptures and national cultural relics, etc. SCU museum is an amazing university museum, said Prof. Gull.

Next, Principal Gull visited the Museum of Natural History. As a microbiology expert, Prof. Gull could gain a deeper insight into the insect specimens and unique value of rare speci-

mens in his professional perspective.

At last, Principal Gull visited School of Public Administration, SCU to have a discussion with the teachers and students. After listening to the introduction, he said "like St. Edmund Hall, the School of Public Administration is a multidisciplinary integrated college. Oxford is willing to further discuss with the School of Public Administration on administrative internship program; there are many Oxford students serving in the urban administrative departments of the UK, so they may help to establish a bridge between SCU students and relevant departments."

In the subsequent symposium with students and teachers from School of Economics, Prof. Gull said some finance professors from the School have keen interest in energy economics, and Oxford also has its energy and environment college, so the energy economics may be popular there. He also expressed his interest to IAES program, hoping that the professors and experts could participate in the conference about China's development, which is expected to be held in August next year in St. Edmund Hall, aiming to discuss the development issues on western development of China.

On Sept. 26-27, Principal Gull went to the world-famous scenic spot Jiuzhaigou Valley, visited the Meteorological Station, Environmental Monitoring Laboratory, GIS Laboratory and other scientific research stations there, and had a discussion on scientific research and international scientific research cooperation about Jiuzhaigou Valley. After the visit, he joyfully wrote an inscription: "wonderful natural scenery-coupling with enormous responsibility for conservation. How to preserve it? How to move forward? Cooperation will be a key to the future. And it is a pleasure to see these interdisciplinary issues are being addressed. Congratulation to you for your proactive move!"

"Comprehensive Review" of Chinese Material Science: Chinese Materials Annual Meeting 2014 Kicks off at SCU

From 4th July to 7th July, with the support of national ministries and commissions such as China Association for Science and Technology and Ministry of Science and Technology, Chinese Materials Annual Meeting 2014 was held in Sichuan University. It was hosted by Chinese Materials Research Society and organized by Sichuan University. The conference was attended by nearly 2,000 specialists and scholars including more than 10 academicians from 8 Chinese universities like Tsinghua University, Central South University, Zhejiang University and a host of research domestic and foreign institutions and enterprises, for example, University of California-Los Angeles, relevant research institutions of Chinese Academy of Sciences, Chinese Material Research Society, etc. Participants conducted in-depth discussion and extensive communication focusing the development of China's material technology and industry, and shared new ideas, achievements and experiences concerned.

In the morning of 5th, July, the opening ceremony and the plenary lecture were conducted in the gymnasium of Wangjiang campus, Sichuan University.The opening ceremony was attended by major leaders from certain domestic universities, research institutions, experts and scholars in relevant domains of material science, various media including China Daily, Chinese Science News, people.com.cn, China News.com, as well as principals of related departments and colleges plus teachers and students of Sichuan University.

During the plenary lecture stage following the opening ceremony, lectures were given successively by Academician Nan Cewen, dean of School of Materials Science and Engineering of Tsinghua University, Prof. Sun Jun, principal of School of Materials Science and Engineering of Xi'an Jiaotong University and chief scientist of 973 Project, Prof. Lu Yunfeng from University of California-Los Angeles and Prof. Wang Yuzhong, distinguished visiting professor of Yangtze River Scholars Program in Sichuan University and winner of National Science Fund for Distinguished Young Scholars. And their lectures were respectively titled Multiferroic Materials, Microstructure Design and Performance Optimization of Nanostructure Molybdenum Alloys, Flame Resistant Polymeric Materials.During the session, representatives had heated discussions and lecturers answered professional questions raised by representatives present.

In the afternoon of 5th, SCU President Xie Heping, who had just finished his visit to Germany, met some of the guests, specialists and scholars attending "Chinese Materials Annual Meeting 2014".He said, it is a great support and preference to Sichuan University for organizing the Chinese Materials Annual Meeting, the highest level and the largest scale of the kind with the farthest reaching influence in China.And he expressed on behalf of Sichuan Univer-

sity the desire to win more guidance and support and jointly propel the development of Chinese material science.

There were 19 parallel sessions and materials education forums covering the fields of energy and environmental materials, new functional materials, high-performance structural materials and materials fundamental research.From the afternoon of 5th to 7th, July, the Meeting entered parallel sessions report stage.

It is reported that "Chinese Materials Seminar", which has been held for 13 times since 1992, is the most important series meetings of Chinese Materials Research Society.The Seminar, aimed at establishing a platform for Chinese specialists, scholars, administrators and other people engaged in research, development and application of new materials to share recent achievements of material research and to promote position and function of new materials in our national economic and social development, has become the highest level of brand meeting in materials field of China."Chinese Materials Seminar" was renamed as "Chinese Materials Annual Meeting" since 2012.At present, new material research and development show rapid and healthy development momentum in China. Remarkable achievements have been made in key industrial preparation technology, new product R&D, energy conservation and environment protection as well as comprehensive utilization of resources, etc. And relatively completed new materials industrial system has taken preliminary shape."Chinese Materials Annual Meeting 2014" is a comprehensive review of new achievements of material research in China in recent years, with an effort to push forward the construction of new material innovation system and speed up industrialization of new material technology.

Prof. Zhang Xingdong Becomes Foreign Fellow of American National Academy of Engineering

Zhao Wanlu

NAE Chair Charles O. Holiday (Left) and President C. D. Mote (Right) Presenting the Foreign Membership Diploma to Prof. Zhang Xingdong (Middle).
-- Photo Courtesy of the NAE

The National Academy Engineering (NAE) of the United States of America held the "2014 Annual Meeting, Celebrating 50 Years" at the National Academy Sciences Building in Washington D.C. on September 28-29, 2014. Zhang Xingdong, professor at Sichuan University, attended the meeting on invitation and was inducted into the NAE "Foreign Membership" at the ceremony during the meeting by Charles O. Holiday, Chair of the NAE, and C. D. Mote, President of the NAE and Vice Chairman of the National Research Council.

On February 9th, 2014, Prof. Zhang was elected a foreign member to the NAE for his "contributions to musculoskeletal medical therapies and biomaterial product development"1. "Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Academy membership honors those who have made outstanding contributions to 'engineering research, practice, or education, including, where appropriate, significant contributions to the engineering literature', and to the 'pioneering of new and developing fields of technology, making major advancements in traditional fields of engineering, or developing/implementing innovative approaches to engineering education." 67 new members and 11 foreign members were elected to the

NAE in 2014. Prof. Zhang is the only Chinese among the 11 foreign members, and he is also one of the only two new foreign members whose primary expertise is in bioengineering field. In addition, so far, Prof. Zhang is one of the 9 out of 212 foreign members who are Chinese citizens and reside in mainland China.

The induction of new members and foreign members is one of the highlights of every NAE Annual Meeting, and more attention was attracted upon the 50th anniversary of the NAE. National Aeronautics and Space Administration (NASA) astronauts on the International Space Station sent video to celebrate the event. Zhou Ji, President of the Chinese Academy of Engineering (CAE) and President of the International Council of Academies of Engineering and Technological Sciences (CAETS), addressed congratulatory remarks at the meeting. The induction ceremony proceeded in an exciting atmosphere with the grand auditorium fully occupied by attendees. NAE Executive Officer Lance A. Davis chaired the ceremony and Chair Charles O. Holiday and President C. D. Mote presented membership diploma to each newly elected member and foreign member.

Eric Schmidt, Executive Chairman of Google, Inc., and Sally Jewell, Secretary of US Department of the Interior, attended the meeting and delivered brilliant plenary lectures. Simon Ramo Founders Award, Arthur M. Bueche Award, Bernard M. Gordon Prize, and Engineering for You Video Presentation Awards were presented during the meeting. Among the awarded presented, Bernard M. Gordon Prize (Gordon Prize) together with the Fritz J. and Dolores H. Russ Prize, and the Charles Stark Draper Prize are collectively known as "the American version of a Nobel Prize for engineering".

2014 Class Photo in front of the National Academy Sciences Building
-- Photo Courtesy of the NAE

Background

Founded in 1964, the National Academy of Engineering (NAE) is one of four institutions of the National Academies of the U.S. The other three institutions are the National Academy of Sciences (NAS), Institute of Medicine, and National Research Council. They are the nation's preeminent source of high-quality, objective advice on science, engineering, and health matters. Most of the National Academies' work is conducted by the National Research Council and the Institute of Medicine. The Research Council, the operating arm of the NAS and NAE, performs its studies and workshops through five major divisions: Behavioral and Social Sciences and Education, Earth and Life Studies, Engineering and Physical Sciences, Policy and Global Affairs, and the Transportation Research Board. So far, the NAE has 12 sections, 2232 members and 212 foreign members. The NAE member/foreign member election is held in strict confidentiality. Nominees will not know that they have been nominated until the election announcement, which demonstrates the impartiality and authority of the election.

In 1978, as one of the founding members, the NAE and the national academies of engineering of the other four countries (Australia, Mexico, Sweden, and UK) established the International Council of Academies of Engineering and Technological Sciences (CAETS), the most important academic organization in the international community of engineering and technology. In 1997, the Chinese Academy of Engineering (CAE) joined the CAETS, indicating that the Chinese engineering field stepped onto the global stage. In recent years, the Royal Academy of Engineering, NAE and CAE jointly initiated the Global Grand Challenges Summits to gather engineering leaders from all three countries to discuss how engineering can contribute to solving the complex problems facing humanity in the new century. The

first Global Grand Challenges Summit was held in London, UK, and the second and third ones will be held in Beijing, China (September 14-16, 2015) and Washington D.C., US (2017), respectively. This also exemplifies the growing international influence of Chinese engineering.

Biographical Sketch of Prof. Zhang Xingdong

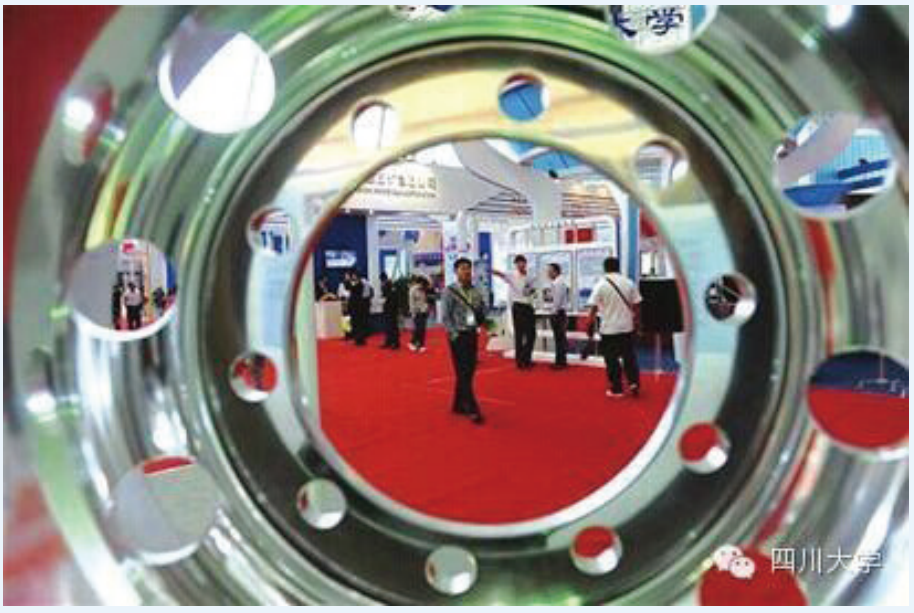
Zhang Xingdong completed his undergraduate study in Solid State Physics at Sichuan University in 1960 and was elected to the Chinese Academy of Engineering in 2007. He is a professor at Sichuan University, the President of the Chinese Society for Biomaterials, and Director of the National Technical Committees on Biological Evaluation on Medical Device of Standardization Administration of China (SAC/TC248) and on Dental Materials and Devices of Standardization Administration of China (SAC/TC99), etc. Prof. Zhang initiated the research on bioactive ceramics (1983) and plasma-sprayed coatings for orthopedic and dental applications in China. He proposed the concept of "tissue inducing biomaterials" that lifeless biomaterials can induce living tissue or organ, and is the first in the world to systematically prove that lifeless porous calcium phosphate ceramics, without addition of any living cell or bone growth factor can induce bone regeneration. He has obtained six Registration Certificates for Medical Devices issued by the China Food and Drug Administration (CFDA). Prof. Zhang is the author of over 300 SCI-indexed journal papers, and has edited and co-edited 10 + books. Prof. Zhang has initiated and organized over 20 international biomaterials conferences and served as the President of the successful 9th World Biomaterials Congress held in Chengdu, China in 2012.

History of Development of Materials Science and Engineering at Sichuan University

College of Materials Science and Engineering of Sichuan University has a long history that was dated back to 1950s, when Sichuan University established the disciplines of High Polymer Materials, Solid State Physics and Metallic Materials successively; in 1980s and 1990s, it established disciplines including: Inorganic Non-metallic Materials and Engineering, Biomedical Engineering, Materials Physics and Materials Chemistry.

With the rapid development of materials science and engineering, College of Materials Science and Engineering of Sichuan University was established through consolidation of the former Sichuan University and the former Chengdu University of Science and Technology in 1994. This College was composed of High Polymer Materials and Engineering Department, Plastic Engineering Department, Macromolecule Research Institution, Materials Science Department, Metallic Materials Department and Inorganic Non-metallic Materials Department, etc.

In 2000, Sichuan University was consolidated with West China University of Medical Sciences into a new Sichuan University. In a bid to adapt to the development of materials science and engineering, College of Polymer Science & Engineering of Sichuan University was established based on Polymer Science & Engineering Department, Plastic



Academician Xu Xi

Academician Tu Mingjing

Academician Zhang Xingdong

Engineering Department and Polymer Research Institution, etc.; and the brand new College of Materials Science and Engineering of Sichuan University was established based on Materials Science Department, Metallic Materials Department and Inorganic Non-metallic Materials Department, etc.

In recent years, Materials Science and Engineering of Sichuan University develops rapidly, now there are already 2 first-class national key disciplines and first-class discipline doctorial station, i.e.: Materials Sciences and Engineering, Biomedicine Engineering; 2 second-class national key disciplines, i.e.: Materialogy and Materials Processing; 5 provincial key disciplines, i.e.: Polymer Materials and Engineering, Metallic Materials and Engineering, Materials Processing Engineering, Materials Physics and Chemistry and Biomedical Engineering; 2 centers for post-doctoral studies, i.e.: Materials Sciences and Engineering and Biomedical Engineering; 6 second-class discipline doctorial stations, i.e.: Materials Physics and Chemistry, Materialogy, Materials Processing Engineering, Polymer Science and Engineering, Nano-materials and Nanotechnology and Biomedical Engineering; as well as a batch of national, ministerial and provincial scientific research platforms, such as State Key Laboratory of Polymer Materials Engineering, National Engineering Research Center for Biomaterials, National Incubation Base for Nano-Biomaterials Industrialization, Key Laboratory of Advanced Special Materials and New Preparation and Processing Technologies under the Ministry of Education (Class B), Engineering Research Center of Subsequent Energy Materials and Devices under the Ministry of Education, Sichuan Province Key Laboratory of Functional Materials Physicochemistry and Engineering, etc.

There are many famous scientists in Materials Science and Engineering of Sichuan University, such as Academician Xu Xi, the father of China's plastics, and Academician Tu Mingjing, a metallic material expert, as well as biomaterials expert and Academician Zhang Xingdong, etc.; 1 expert has been selected into "1000 Talents Program", 1 selected into "1000 Talents Program for Young Outstanding Scientists", 3 selected into "national key talent Program"; it boasts 3 distinguished professors of "Cheung Kong scholars programme of the Ministry of Education", 1 national famous teacher, 4 winners of National Fund for Distinguished Young Scholars, 1 creative group of National Nature Science Foundation of China, 17 Trans-Century Excellent Talents of MOE and New Century and 24 provincial academic and technical leaders. In recent 5 years, Sichuan University undertakes more than 400 various scientific research projects, with the total expenditure exceeding CNY740 million. It has been honored with 4 National Natural Science Awards, over 20 Provincial Technical Incentive Awards, more than 10 national, ministerial and provincial prizes for teaching achievements. Besides, it has compiled more than 20 textbooks and monographs, etc. Sichuan University trains more than 1000 materials science and engineering graduates, 500 doctoral candidates, making great contribution to the economic construction and social growth of Sichuan Province and even China.

Academician of American Academy of Sciences, Prof. Natasha Raikhel Visits SCU

On 7th, July, Academician of American Academy of Sciences, Prof. Natasha Raikhel visited SCU. Vice president of the University, Prof. An Shijing, accompanied by persons in charge of relevant departments and colleges, met with the guest.

Prof. An Shijing introduced that SCU has been committed to combining dynamically arts with sciences, and cultivating global talents possessing both innovative ideas and leadership skills covering science and art, by means of establishing open and internationalized platform through the Center for Culture, Science and Technology. He hoped that Prof. Natasha Raikhel could give some guidance and suggestions concerning the development of the Center, exploiting her dual academic background of science and art.

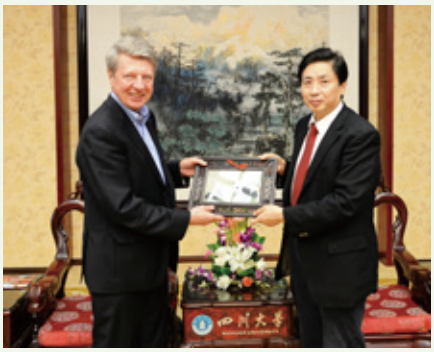
Prof. Natasha Raikhel gave a good appraisal of the efforts exerted and pioneering results achieved by SCU in the aspect of combining sciences and arts. She remarked that SCU, possessing progressive ideas in terms of interdisciplinary research and construction, is a pioneer in the field of sciences and arts combination. Prof. Natasha Raikhel suggested SCU to create an international exchange center based on the Center for Culture, Science and Technology, and speed up the integration of science and art knowledge.

Academician of American National Academy of Engineering, Prof. MatyJaszewski Visits SCU

Academician of USA National Academic of Engineering (NAE), Prof. MatyJaszewski visited Sichuan University on 3rd, July.President Xie Heping, accompanied by vice president, Prof. Yan Shijing as well as heads of departments and colleges related, met with the guest.

President Xie Heping expressed gratitude for Academician MatyJaszewski's concern and help to Sichuan University in the aspect of Polymer and other discipline as well. And he hoped that Academician MatyJaszewski can give further concern and guidance to Polymer and other disciplines of Sichuan University, and facilitate cooperation on scientific research between both side.

Academician MatyJaszewski expressed his hope to enhance exchange between the two parties in medical domain through cooperation with Sichuan University.He emphasized that the present world is facing numerous challenges in the areas of polymer material and environmental science, etc., and he is anticipating a long-term cooperation between Carnegie Mellon University and Sichuan University to push forward in-depth cooperation in chemistry, material science and R&D of new equipment in a mutually benefit and double-win way.



Dr. Thomas Krise, President of Pacific Lutheran University, Visits SCU

On the afternoon of Sept. 24, Prof. Thomas Krise, president of Pacific Lutheran University (PLU) visited SCU, and met with academician Xie Heping, president of SCU.

In the meeting, President Xie Heping said there is a good basis of cooperation between SCU and PLU, and their cooperation is expected to be enhanced by the visit of Prof. Thomas Krise.

President Thomas Krise said there is a long history of cooperation between PLU and SCU, as demonstrated by broad and deep cooperation in the exchange of teachers and students; further exchange and cooperation is expected to be developed in "3+2" dual degree training and medical science fields, etc.

SCU President Xie Heping Meets Dr. Peter Hore from Oxford University

On the afternoon of Aug. 27, SCU President Xie Heping, accompanied by vice-president, Prof. Yan Shijing and leaders from related units, met with Prof. Peter Hore from the Institute of Chemical Physics of Oxford University.

President Xie Heping reviewed the situation when the international academic cooperation and exchange memorandum was signed by and between SCU and St Edmund Hall of Oxford, and comprehensive strategic partnership was established therefrom, then he expected the good prospect of cooperation between SCU and Oxford. He said that SCU has been endeavoring to enhance its international level of conducting education and committed to elite education. He hoped that Prof. Peter

Hore's visit can strengthen the friendship of both sides and facilitate construction and development of our physics and other disciplines related and cultivation of talents.

Academician Peter Hore expressed his pleasure of visiting SCU, a university with long history and abundant education achievements, and being hired as a guest professor of SCU, and his willing to push forward with his best effort the close cooperation between SCU and Oxon. on talent fostering and academic exchange.

President Xie Heping awarded guest professor appointment letter to Academician Peter Hore on behalf of SCU.

Prof. Peter Hore is a senior academician currently serving Corpus Christi College of Oxford, and he has been devoted to the research on physics and its crossing field with chemistry and biology for a long time. he is a senior expert in research on substance microstructure spectroscopy and biochemical reaction of animals and plants to weak earth magnetic field, and his academic level has been widely praised by experts in related field worldwide.

Senior Delegation of Hong Kong Jockey Club Visits SCU

On the afternoon of September 1st , Academician Xie Heping, the president of SCU, together with Prof. Li Guangxian, the executive vice-president of SCU, Prof. Xu Weilin, the vice-president of SCU and others, met with the senior delegation of Hong Kong jockey club headed by chairman Stevenson, Thomas Brian,Inspector Liu Yuan and director Fang Xi from Sichuan Development and Reform Commission, deputy director Luo Rong from Sichuan Office of Hong Kong, Macao and Taiwan Affairs, and related department officers from SCU attended the meeting.

Academician Xie Heping, on behalf of SCU, expressed his welcome to the delegation led by Stevenson, Thomas Brian, the chairman of Hong Kong Jockey Club, and his gratitude to the Jockey Club for their concern and support to Sichuan and SCU after 5·12 Wenchuan Earthquake.He pointed out, Institute for Disaster Management and Reconstruction (IDMR) of SCU shall, with the target of influencing the present and guiding the future, focus on four platforms construction: namely, a platform for various global disasters information, a training base for specialized talents against major disaster, a research platform on major disaster and crisis, and a service platform against major disaster and crisis for society.He also expressed, the College will make further contribution to help enhance human's disaster prevention and reduction ability and solve major disaster crises faced by the globe.

The Hong Kong Jockey Club chairman, Mr. Stevenson, Thomas Brian expressed his gratitude for SCU's warm reception. Then he expressed that, as one of the 7 reconstruction aid projects of Hong Kong Jockey Club after Sichuan earthquake, the reconstruction aid project conducted by SCU is very important and significant; the fund of Hong Kong Jockey Club is raised from Hong Kong

people, so it is expected that the effort and contribution of Hong Kong people can be of greater help to Hong Kong, to China and to the world as well.

And the meeting was followed by a field visit by the delegation to the Institute for Disaster Management and Reconstruction (IDMR) of SCU, including the physiotherapy laboratory, magnetic resonance rock core analytical laboratory, psychiatry teaching laboratory and behavior observation room, pediatrics teaching laboratory, Ergonomics and function recovery teaching laboratory, etc.

On the symposium held in IDMR301 international meeting room, the teacher representatives, Li Zeng and Ian, as well as student representatives, Cao Zeng, Jiang Feiyun, Gao Qiang, Bi Ruixue, etc., made their presentation successively, introducing their own scientific research progress and expressing their appreciation of the support offered by Hong Kong Jockey Club.

The chairman of Hong Kong Jockey Club, Mr. Stevenson said on the symposium, the works of SCU and its IDMR are really impressive; as both Sichuan and Hong Kong are parts of China, we should join hands and make this project a complete success.

At the end of this visit, chairman of Hong Kong Jockey Club, Mr. Stevenson, Thomas Brian, CEO of the Club, Mr. Winfried Engelbrecht-Bresges, and the president of SCU, Academician Xie Heping, on behalf of the two parties, exchanged commemorative plaques of IDMR.

A Delegation led by Denis Simon, Vice President of Arizona State University, Visits SCU

On the afternoon of Sept. 25, a delegation led by Denis Fred Simon, vice president of Arizona State University, paid a visit to SCU. Professor Luo Zhongshu, Deputy Secretary of the Party Committee and director of Collaboration Innovation Center for Security and Development of Western Frontier of China met with the distinguished guests.

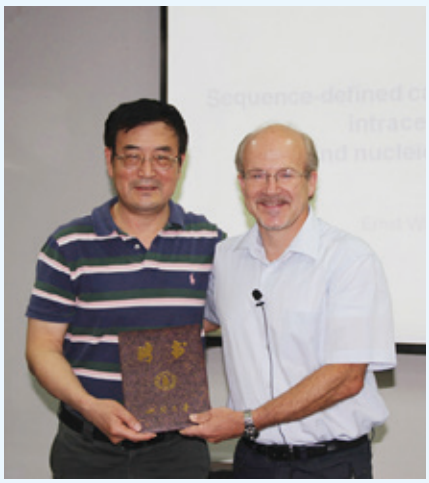
SCU has advantages in traditional research of humanities & social sciences, and also boasts strong research capability in many research fields, Professor Luo Zhongshu said. In response to the "University Innovation Ability Promotion Plan", the Collaboration Innovation Center for Security and Development of Western Frontier of China was founded by SCU in collaboration with State Ethnic Affairs Commission, Yunnan University, Tibet University and Xinjiang University, etc. It focuses on the research of western frontier issues and actively seeks for promoting innovative ability of talents, disciplines and scientific research, so as to build a new think tank required by the party and state for the Tibet and Xijiang regions as well as bilateral relationship with neighboring nations (South Asia, Central Asia and Southeast Asia).Then, SCU looks forward to building a long-term strategic partnership with Arizona State University to conduct broad range of collaboration in the aspect of scientific research project and talent cultivation, etc, and cultivate talents with international view who can make great contribution to the safety and development of western frontier of China.

Vice president Denis Fred Simon expressed his gratitude to the warm reception of SCU. He said, Arizona State University has established close cooperation relationship with SCU in the hope of expanding cooperation fields on the basis of existing cooperation programs; especially for the frontier safety issues, more scientific research talents both at home and abroad will be mobilized to achieve mutual win through collaborative research.

Prof. Ernst Wagner from University of Munich Speaks at SCU

On Sept. 15, Ernst Wagner, a tenured professor of the University of Munich, was hired as a visiting professor of Sichuan University. Professor Gu Zhongwei, director of National Engineering Research Center Biomaterials, China, issued a letter of appointment to the visiting professor Ernst Wagner. He said, with the appointment of Professor Ernst Wagner, this could further strengthen the cooperation and exchange among SCU, gene therapy scientist team of German and University of Munich, helping to improve the level of biomedicine materials science and engineering of SCU.

Then, Prof. Ernst Wagner delivered a wonderful academic report to teachers and students: Sequence-defined carriers for targeted intracellular drug and nucleic acid delivery. The report involved sequence-defined carriers (cationic polymers) for targeted intracellular delivery of



medical substances such as: recombinant protein, low molecular weight drug and nucleic acid. In the report, Prof. Ernst Wagner elaborated the latest research progress of biological gene therapy and application prospect. And he also exchanged with the teachers and students in the forum.

Introduction to the Specialist:

Ernst Wagner is a tenured professor of the College of Pharmacy of the University of Munich (Ludwig-Maximilians-Universität of Munich) (C4), director of Medicine & Biotechnology Research Center of the University of Munich, chief scientist of "Nano-drug Controlled Release Elite Team" of Deutsche Forschungsgemeinschaft, president of German Society of Gene Therapy, permanent member of EUFEPS for academic research and a world famous scientist in non-virus and gene therapy. With outstanding research achievements, he was awarded with F.C. Donders honorary chairman of the Department of Biopharmacy of Utrecht University, Netherlands, in 1996, and oncology honorary professor of Europe Balkan Alliance in 2007. He was hired as a visiting professor of SCU in Sep, 2014.

Allan Hoffman, Fellow of the National Academy of Engineering, USA, Speaks about Science and Technological Miracles of Human Beings

On Sept. 10, Prof. Allan Hoffman, academician of American National Academic of Engineering, offered a special report named Origins and Evolution of Drug Delivery Technology in the National Engineering Research Center of Biomaterials of China (SCU). This manifested the debut of the second season of "Year of Overseas Top Teachers' Report on Biomedical Engineering Discipline" – Top Teachers' Forum.

In the report, Prof. Allan Hoffman introduced the origin and latest research progress of medicine slow release technology and presented the prospect of biomaterials science and engineering. He also talked about the miracles of biological materials on himself. He said "regenerative medicine" will be a major development direction of biological materials in the future. Biomaterials can be applied to artificial lens, cornea, pelvis, bones and joints, as well as for replacement of blood vessels, hematodialysis

and regeneration of each part of the human body. This is crucial to the human health, so it is a challenge and improvement to the natural law of health and aging. "This is very important to the future of the mankind", he said. 12 years ago, he was unable to move freely due to hip joint damage, but that was changed after replacing the damaged hip joint with biological materials.

Another technology miracle happened to him, that is, he can now drive a car without glasses after replacing his almost blind eyes (due to cataract) with artificial lens made of biomaterials. Artificial "natural organs" will be another development trend of biomaterials, said he. These artificial organs make inorganic polymers and organic living tissue become more compatible and "natural" that they resemble like an organism or really an organism or a part compatible with our body.

In the 6 days' visit, Prof. Allan Hoffman offered 4 splendid academic reports to teachers and students in SCU.

Minibio:

Allan Hoffman is an academician of American National Academic of Engineering, who is engaged in the research of drug delivery, bioseparation, diagnostic analysis, intelligent high polymer materials, materials surface and hydrogel, etc. He is one of the initiators of America Society of the Biomaterials and American Institute for Medical and Biological Engineering; he once acted as the chairman of America Society of the Biomaterials (1983-1984), and he was awarded with "Founder's Award" of the America Society of the Biomaterials in 2000 and "Founders' Award" of the America Society for Controlled Release in 2007.

Prof. James Anderson, Fellow of National Academy of Engineering, USA, Speaks at SCU

From Sept. 21 to 24, Prof. James Anderson, academician of National Academic of Engineering and American Institution of Medical, visited SCU at our invitation and gave 5 academic reports for the teachers and students, sharing experience in scientific research, education, industry and management.

Introduction to the Specialist:

Prof. James Anderson is the "Distinguished Professor" of Case Western Reserve University, academician of the Institute of Medicine, academician of National Academic of Engineering and chief editor of world famous Journal of Biomedical Materials Research. He has been dedicated to biomaterials and medical apparatus research for more than 40 years. At present, his major research areas include evaluation of clinical pathology of extracts from medical apparatus implants and fundamental research on interaction between biomaterials and cells, etc.

Prof. K.C. Nicolaou, Fellow of National Academy of Sciences, USA, Speaks at SCU

On Sept. 12, Prof. K.C. Nicolaou gave an academic lecture named Total Synthesis of Rare Natural and Designed Molecules of Biological and Medical Importance in the Chemistry Building of SCU.

In the report, Nicolaou said contemporary total synthesis science represents an interdisciplinary research for drug discovery and development. In cooperation with biologists, doctors, biological information specialists and logicians, the organic chemists have accelerated the progress of drug discovery and development to provide more effective and widely applied drugs for the human beings. The report mainly introduced several total synthesis researches on molecules with good biological activity (anticancer, splitting DNA and Ca2+ ion channels), and also discussed ways to modify the target molecular structure and explore the molecules with better biological activity. At last, Prof. K.C. Nicolaou presented the new "antibody-link-anticancer drugs" model, aiming to realize targeted drug treatment of cells in the future.

Introduction to the Specialist:

Professor Nicolaou was born in Cyprus and educated at the University of London. He obtained his Ph.D. degree in 1972. Then, he did his postdoctoral work at Columbia University with Professor T.J.Katz and at Harvard University with E.J.Corey.

In 1989,he accepted joint appointments at the University of California, San Diego, where he was Distinguished Professor of Chemistry, and The Scripps Research Institute, where he served as the Chairman of the Department of Chemistry and held the Darlene Shiley Chair in Chemistry and the Aline W. and L.S.Skaggs Professor of Chemical Biology(1996-2013)in the Department of Chemistry. In 2013, Professer Nicolaou joined Rice University as Harry C. and Olag K. Wiess Professor of Chemistry in the Bio-Science Research Collaboraitve.

He is a member of National Academy of Sciences of USA, German Academy of Sciences Leopoldina, and American Philosophical Society. He is also Corresponding Member of the Academy of Athens, and Foreign Member of the Royal Society of London.

Dialogue with Professor Timothy

— Integrating Chinese and Western Thoughts and Building a World Top University

sichuan university alumni association

Becoming Attached to Chengdu

Why did you come to China to work here?

Because of many chances and coincidence, I came to Sichuan University.

I had already been working in China at Wolong Nature Reserve and I decided to continue to work in China. I haven't thought of university initially, but I met a professor of Sichuan University and he asked if I would consider two months each semester in Sichuan University. It sounds interesting and I like conservation biology, I taught that for many years. So that was exciting, so I agree.

Impression of Sichuan University

What did Sichuan University offered for your working and personal life? Do you like Sichuan University?

First of all, they offered me salary (based on two months twice a year) and that salary is a good salary (laugh). It also includes some research funds, because I was expected to do some research the same time I was doing the teaching. They assigned some students to help me in the aspect of teaching, translation and also help me understand the way the students are thinking and their questions. All of these are helpful and I make many friends among the students.

The students and I helped and communicated with each other. They learn the thing, and they bring things to us. And we build deep friendship. I brought to students some books, the books from USA that are hard to be found here. I (don't) consider them as present, it's just academic thing to help them in the area they want to work in and to know more about it and I will continue to do that.

I like Sichuan University and I like the students here. I study birds, because they are very important for conservation. Every Friday I just offer to take people for bird watching and some students continued to come when they can, though it's not required for the course. This would be helpful for their study.

It's similar to lots of universities, but not all. Sichuan University has its own museum and it also has a beautiful campus with so many trees and things like that. There are lots of places to go in the campus that you can watch birds and plants right there. Not many campuses offer that. On Friday, Saturday, we went to Jiangan Campus. That's beautiful. There is lot of space for bird watching.

I have a number of students that are very committed to study, very positive. There are students in class who really want to be there and ask questions.

Teaching at SCU

As a foreign professor, did you have any problems in getting along with students and other colleagues?

In Sichuan University, I get on well with the students and colleagues. And I don't have any serious problems with any student. There may be something go wrong, but we're able to talk about. I think communication with others is the best solution.

The faculties that I have met are always nice, some of them can't talk much English, so the communication may be limited, but that's open, positive. The students in the campus enjoy the class and I am happy for that. Though it's not all easy, I've never lived in a big city like this. But I like Chengdu. It's the safest big city I could have imagined. The life here is quite safe and easy. There are a lot of things that I need to learn about the big city, and there are more and more things each time.

What is your research direction? How do you keep a peace of mind to do researches and not influenced by temptations of material thing?

I research bird behaviors and one of the research projects in Sichuan University is Loranthus, and it's a very interesting plant. It's a parasite. The seed is planted on the branch and then grows into the tree and to use the resources of the tree. But it is a plant, it gets sunlight. Some trees could die, but some trees, actually it turns out from a study of Australia that

Professor Timothy Moermond

Graduated from Harvard University with a doctor's degree, and retired as emeritus professor from Department of Zoology of University of Wisconsin-Madison and Nelson Institute for Environmental Studies, Mr. Timothy Moermond now serves as a professor of Conservation Biology in College of Life Sciences, Sichuan University. His research field is bird behavior and conservation biology based on community.

Professor Timothy loves birds and bird watching, and he has had extremely in-depth understanding of researches on bird behaviors in particular. He can recognize and know more than 2,000 kinds of birds among the world since his first bird watching when he was 5 years old. In 1999, Professor Timothy came to China for the first time and started community biological conservation in Yunnan and Sichuan. He observed more than 400 kinds of birds in Wolong, Dujiangyan, Chengdu and some other places within Sichuan, which exceeds two thirds of bird species in Sichuan. Professor Timothy has taught in Sichuan University for two years. Besides the courses on conservation biology, he lectures at seminars of scientific paper writing for graduate students and doctoral students, and organizes nonviolence communication workshop for our teachers and students. As long as Professor Timothy is in Sichuan University, he will lead students to watch and recognize birds and teach them knowledge about birds in the campus of Sichuan University and Wang Jiang Park every week. In addition, as one of the instructors of "Distribution Status and Breeding Mechanism Research on Taxillus Nigrans in Wang Jiang Campus of Sichuan University" (one of the innovative training project for university students), he is positively getting involved in and offering guidance on campus bird observation and research. Professor Timothy also participated in the project of "Restoration Research on Bamboo in Dujiangyan after Earthquake".

> "I think top level universities would be comprehensive, initiative and creative. In there, students will be influenced by the culture and the scientific spirit and become a better."

it may be more positive than negative. Some trees do better.

I studied birds feeding in many places, and most birds eat the seeds. They swallow them, and then when they come up in the end, with juice and seeds. Then they dispersed them and help the plant. So the plant gives them juice basically and pulp. Sometimes, the birds don't keep the seeds; they put the seeds out elsewhere, so they disperse them. It's interesting and I love my work.

Anybody smart enough to a professor in a college or conservation knows you are not in for money. But this is what I want to do for my life. I started watching birds when I was five and I didn't study seriously till I was eight. I have studied birds my whole life and I can't separate that from my life. I love them and there are a lot of interesting things to study in them. But I also study conservation, that's working with people and working with communities, not working with birds. But I do that because I like people and I like conservation, but I also do that because I like the birds. I can study them because that I want to save them, save the place where they live. So it is very much rapt. When you doing something that feels you contributing something to others, something to life and something to the students, that feels good and last, that's not what money could buy. That's why I do this.

What do you think are the differences between foreign professors and native professors in teaching methods and research ideas?

Sichuan University is a comprehensive university with many teachers. And their methods can be different. Some teachers' priority is research not teaching and others are teaching not research, that's the same with universities abroad. I love teaching, but I come to believe the essence of teaching is sharing and learning from each other.

Issues of Concern

Please give us some advices in the development of Sichuan University from the perspective of Chinese and western culture exchange.

For the intern program here, I hope it will go on. Just doing something like that, involve more direct interaction at multi-levels. Exchange can promote development and idea exchange to achieve progress. I think breadth of knowledge is equally important as depth of knowledge. For other system, I can't say it's better for everybody. Teaching some of the breadth would allow people to do more things. I would rather people start from more general, then be more specialist. Sichuan University can focus on basic education with greater breadth of knowledge to cultivate the students with both breadth and depth.

I think it would be better to have some full time foreign teachers than part time here. I have only 4 months in China every year and there are many foreign teachers like me in Sichuan University. If more full time foreign teachers come to Sichuan University, it would be helpful to the students.

What do you think a world top university should be like? Do you think college education has a huge influence on individual development?

Yes. Students will learn so much about

the world and learn more things about humanity. It would be useful for everybody to know more about life. Through college education, students open up to the world to a lot options. I think top level universities would be comprehensive, initiative and creative. In there, students will be influenced by the culture and the scientific spirit and become a better. For me, the most important influence of college education to students is providing liberal education to students, which means broaden their breadth of knowledge.

Some foreign professors keep moving in China universities, how do you think of this phenomenon?

I think some of them may be moving for salary. But I never did it. I didn't change the university I was teaching, it was Wisconsin. I want to be in Sichuan and I like Chengdu. It's not a bigger city, but the life I feel much bigger. There are many beautiful places in Sichuan and I like to be in Sichuan. If I've got to leave something behind, to meet better chances to do something, get to know better, do something, I can stay in Sichuan. That does appeal to me. I think it's better for me or the school if I can stay at one place.

What do you think are the specific difficulties for foreign professors to stay in China for a long time? What should we do to keep them?

It's so individual for foreign teachers coming to China. It's different situation. It may not be the problems of school but the professors themselves. And some professor may only be able to get short term visa which limits the time they can stay in China.

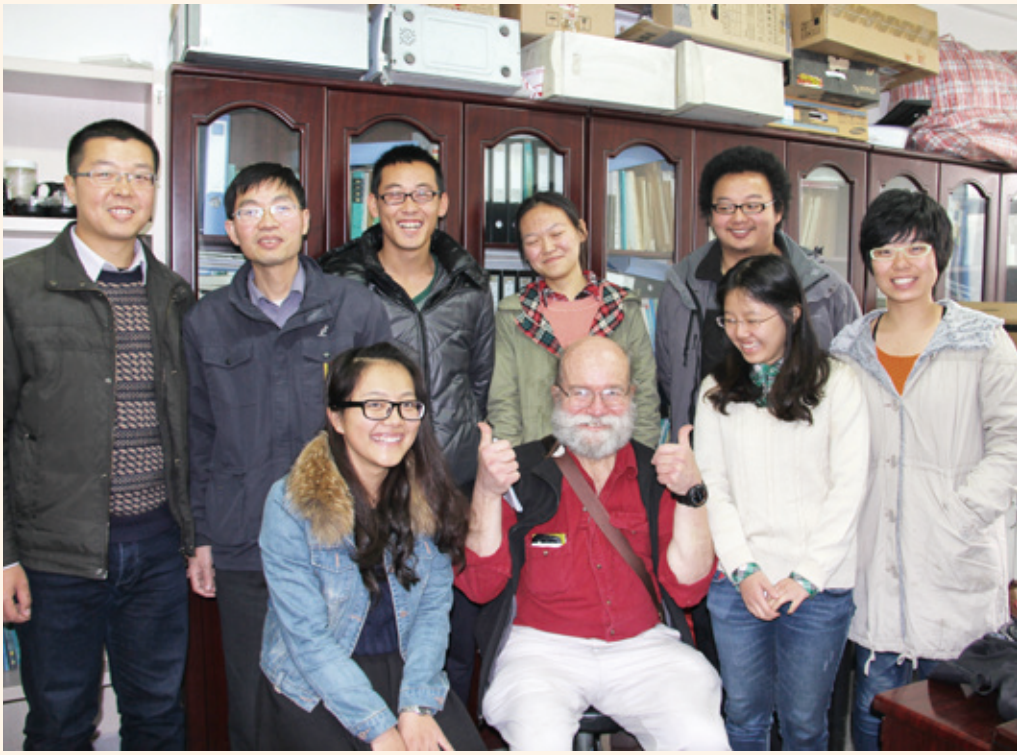
What do you think foreign professors need most and what kind of guarantee should we offer them?

I think that would be individual. For me, I need someone to deal with the language differences. Standard translation in the dictionary, some are actually pretty good, some are wrong. For other professors, their difficulties may be different and the universities need to know these difficulties and provide guarantee for them.

What's the major difference between Chinese and western college education? What do you think should we do to build SCU toward a world top university?

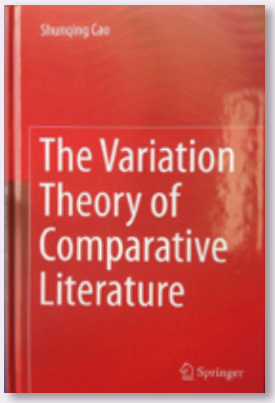
I think, at least for me coming from US, I think the breadth of undergraduate may be the biggest difference. But that is relative to teaching method. For students, western students care less about other people's opinions when they make a decision. They see the value themselves. They fell it's right to do it. It's not anything that you're just telling people to do, it doesn't work. There are some different ways about teaching, about those things. So I teach a lot about how to work with people and conservation biology, because conservation is working with people. And it is important for the protection of natural reserve.

I think having opportunities for more interactions with others. We can learn so much from other people and other place. And Learning about that is a huge growth process. Exchange between cultures is very important for building an international university. It's good for all universities. Promote cooperation and exchange between universities at different countries and regions and send more scholars to visit abroad will broaden the horizon of a university. Those things would help any university.



Prof. Cao Shunqing's Book Gets Approval from Oxford Comparative Criticism and Translation Forum

Prof. Cao Shunqing's new book, The Variation Theory of Comparative Literature, was published by world-famous publishing agency Springer in Heidelberg, London and New York in March 2014, causing great concern of the worldwide academia. Prof. Cao works in the College of Literature and Journalism of SCU. This work is the representative of Chinese comparative literature, an innovative work in the world's comparative circle and an important work of SCU's comparative literature theory with international influence.



Purdue University's A&HCI Journal: Comparative Literature and Culture published a long book review (http://docs.lib.purdue.edu/cgi/viewcontent.cgi?article=2371&context=clcweb), stressing the work has promoted the development of comparative literature discipline. D.W. Fokkema, the former president of World Comparative Literature Association and professor in Universiteit Utrecht, wrote a preface for this book. "The Variation Theory of Comparative Literature is a response to the lack of existing research paradigm-'influence study' and 'parallel study', said Fokkema." The work also got significant attention of Oxford Comparative Criticism and Translation Forum (OCCT, http://www.occt.ox.ac.uk/about). Oxford Comparative Criticism and Translation Review, belonging to Oxford Comparative Criticism and Translation Forum, aims to review the latest excellent research findings in comparative literature and translation research field. This magazine paid high attention to Prof. Cao Shunqing's research result, and now it is asking for book review on the international scale.

West China Hospital Successfully Performed Radical Resection of Hilar Cholangiocarcinoma in a Patient with a History of a Total of Five Previous Hepato-Enteric Anastomosis Surgery

Department of Biliary tract surgery, West China Hospital Sichuan University

Despite rapid development of medical science and technology, hilar cholangiocarcinoma resection is still one of the most challenging surgery performed in Hepatobiliary surgery. This surgery involves radiological assessment, along with a wide range of liver resection involving caudate lobectomy, lymph node dissection, vascular resection, bile duct resection, bowel resection, and accurate hepato-enteric and gastro-enteric anastomosis. Thus, involving almost all surgical techniques applied in hepatobiliary surgery. Therefore it is considered as one of the most difficult and a high-risk surgery

globally. In addition, history of previous multiple biliary surgery further increases the operative risks and trauma, resulting in an intricacy for its implementation.

Hilar cholangiocarcinoma (HCCA) grows in a narrow, pivotal location, surrounded by hepatic blood vessels and bile channels. Tumors located in the confluence of the right and left hepatic bile ducts has the distance less than 5 mm from the portal vein. Combinations of partial hepatectomy or even expanded partial hepatectomy is needed to treat HCCA when invasion of portal vein and hepatic artery are present, because Hilar cholangiocarcinoma is pathologically characterized by vascular invasion, neural invasion, and early lymph node metastasis. More than 50% of HCCA cases present with caudate lobe invasion, lymph node and nerve metastasis. Caudate lobe resection is one of the most difficult and challenging hepatic resection. In addition, HCCA grows at a pivotal location surrounded by hepatic blood and bile channel which easily leads to progressive obstructive jaundice due to biliary obstruction. Therefore, liver function in these patients is far worse than that in the patients with hepatic carcinoma. In the state of obstructive jaundice, the probability of liver failure after HCCA resection is much higher than that after hepatic carcinoma resection. In addition, HCCA resection requires major hepatic resection with additional caudate lobe resection. This is the reason why HCCA resection is recognized as a high risk surgery after liver transplantation.

Recently, Dr. Li Fu Yu, professor of biliary surgery department of West China Hospital Sichuan University successfully performed radical hilar cholangiocarcinoma in a patient with a history of a total of five previous biliary-enteric anastomosis surgery. Successful implementation of radical hilar cholangicarcinoma in a patient with a history of multiple bilary-enteric anastomosis surgery has not been reported in any literature till date. The patient went to a number of tertiary care hospitals, but was not able to get the appropriate treatment due to complexity of the disease. Due to multiple previous surgeries, intense surgical adhesion was present around the porta hepatis region. Intraoperative ultrasonography was applied in order to understand the surgical anatomy and the positioning of the vessels and bile ducts. Surgical adhesions were carefully separated layers by layers under intraoperative ultrasonographic guidance and tumor location was therefore revealed. Hilar cholangiocarcinoma tumor diameter of the patient was about 3cm approximately and the tumor diameter of 3cm is considered to be very large and is regarded very difficult for resection. Due to the trust of the patient's relatives, reluctance of the surgeon to give up and support of the surgical team, complete resection of the hilar cholangiocarcinoma along with metastatic lymph node resection and re-construction of bilary-enteric anastomosis was finally possible after spending more than ten hours in the operation room in order to successfully implement radical resection of hilar cholangiocarcinoma, which is considered to be the second biggest operation after liver transplant surgery.

Researchers Discover New Molecule That Neurons Use to Stay Alive

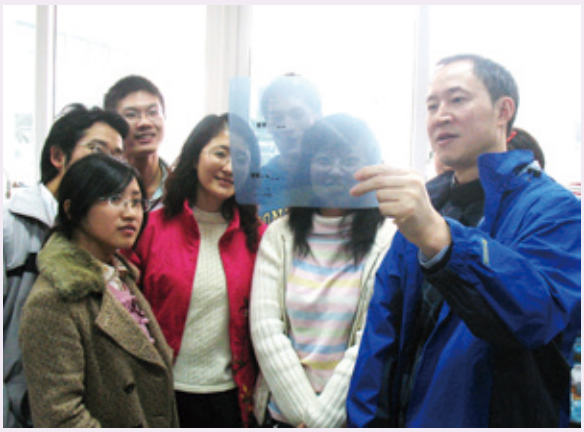
Xiao Bo, the Sate Key Laboratory of Biotherapy, West China Hospital of Sichuan University

By modifying mouse genome, scientists at the Sate Key Laboratory of Biotherapy, West China Hospital of Sichuan University discovered that neurons use the molecule known as LanCL1 to stay alive.

Neurons are particularly vulnerable to a class of chemically reactive molecules containing oxygen or reactive oxygen species (ROS). ROS are majorly formed as a natural byproduct of the normal metabolism of oxygen in energy production. As neurons are formed in the brain and start to perform their function, increasing amount of ROS is produced in neurons. A healthy amount of ROS is required for normal function of neurons; however, excessive amount of ROS causes oxidative damage to neurons and even neuronal death. This oxidative damaged caused

neuronal death is implicated in neurodegenerative diseases such as Alzheimer's disease, Huntington's disease, and amyotrophic lateral sclerosis (ALS). How neurons cope with increased production of ROS while performing their normal function is not well understood.

Published in the August 25th issue of the journal Developmental Cell, the work done by a research team led by Bo Xiao, Ph.D./Professor at West China Hospital, Sichuan University and in collaboration with Dr. Paul Worley's group at Johns Hopkins University, sheds light on how neurons mitigate the damage of excessive ROS and stay alive. By working with genetically modified knockout mouse with the LanCL1 gene inactivated, they found that the mutant mouse develops an age-dependent oxidative damage and neuronal death in the brain, even without additional exogenous insults. "This is unprecedented, because existing mouse models with antioxidant molecules disrupted do not normally show apparent neuronal death, unless they are challenged with additional stressors," says Dr. Xiao. They went on to show that the expression of LanCL1 transgene in neurons confers resistance to oxidative insult in cultures. "Because oxidative damage to neurons is widespread in neurodegenerative disease, this work may provide a new perspective to understand how oxidative stress contributes to the pathogenesis of neurodegenerative disease," say Chao Huang, one of the leading authors of the paper.

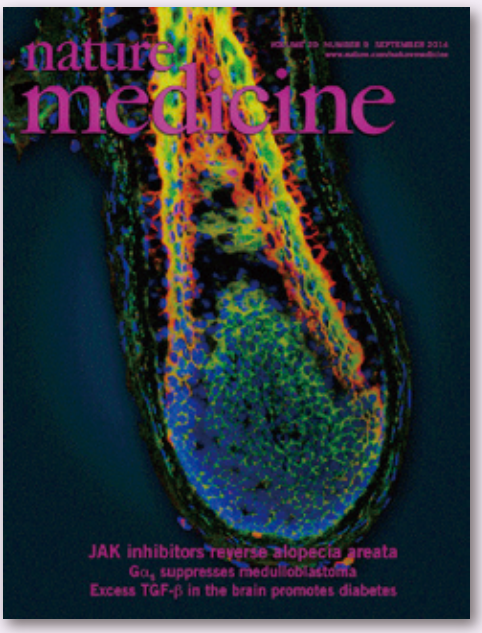


This work was supported by grants from National 973 Basic Research Program of China, the National Natural Science Foundation of China and Collaborative Innovation Center for Therapeutic Drug Development.

SCU Graduate Student He Xuelian Publishes in Nature Medicine

Recently, Xuelian He, a PhD student in West China School of Preclinical and Forensic Medicine of SCU, as first author has published a paper in Nature Medicine, which first reported the GNAS, encoding the G protein Gas, as a new tumor suppressor gene that, when expressed at low levels, defines a subset of aggressive Sonic hedgehog (SHH)-driven human medulloblastomas. Medulloblastoma, the most common malignant childhood brain tumor, exhibits distinct molecular subtypes and cellular origins. Genetic alterations driving medulloblastoma initiation and progression remain poorly understood.

Xuelian He et al found Gnas specifically low expression in a Shh subset of patients, and relating to the five-year survival rate with this type of patients. Ablation of the single Gnas gene in anatomically distinct progenitors in mice is sufficient to induce Shh-associated medulloblastomas, which recapitulate their human counterparts. Gas is highly enriched at the primary cilium of granule neuron precursors and suppresses Shh signaling by regulating both the cAMP-dependent pathway and ciliary trafficking of Hedgehog pathway components. Elevation in levels of a Gas effector, cAMP, effectively inhibits tumor cell proliferation and progression in Gnas-ablated mice. Thus, their gain- and loss-

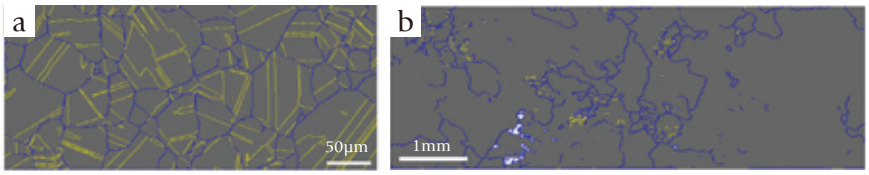


of-function studies identify a previously unrecognized tumor suppressor function for Gas that can be found consistently across Shh-group medulloblastomas of disparate cellular and anatomical origins, highlighting G protein modulation as a potential therapeutic avenue.

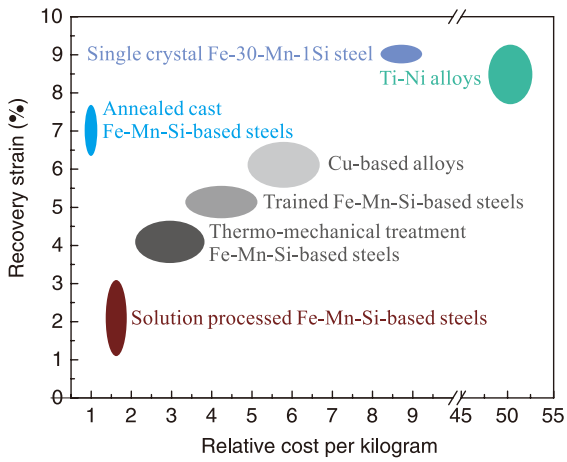
The achievements in scientific research by Xuelian He et al were attributed to international scientific cooperation. The corresponding author of this paper was professor Qing Lu.

Sichuan University Achieved Important Advances in Fe-Mn-Si-based Shape Memory Steels

A research group led by Yuhua Wen professor in Sichuan University achieved important advance in improving the recovery strain of Fe-Mn-Si-based shape memory steels under the continued supports of the National Natural Science Foundation of China (nos. 50501015, 50871072, 51171123 and 51271128) and the Natural Science Foundation for Young Scientists of Sichuan Province in China (no. 2010A01-436). They attained a large tensile recovery strain of 7.6% in an annealed cast polycrystalline Fe-Mn-Si-based shape memory steel. In contrast, the recovery strain is only about 3% in the conventional processed Fe-Mn-Si-based steels. This important advance was recently published in the journal Nature Communications (Large recovery strain in Fe-Mn-Si-based shape memory steels obtained by engineering annealing twin boundaries, 2014, 5: 4964; DOI: 10.1038/ncomms5964).



Annealing twin boundaries (yellow lines) in conventional processed (a) and cast (b) polycrystalline Fe-Mn-Si-based steels



Relationship between recovery strain and relative cost per kilogram

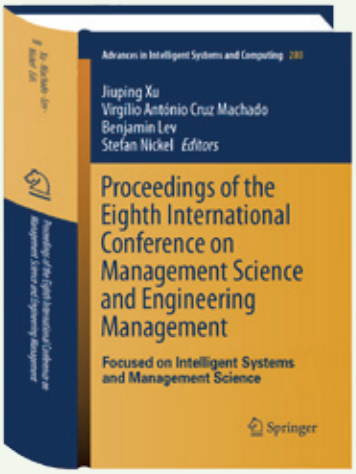
Shape memory alloys are a unique class of alloys that can recover their original shape upon heating after a large deformation, which ordinary metals and alloys do not have. Among the studied shape memory alloys, Ti-Ni-based alloys with a large recovery strain are expensive, while low cost conventional processed polycrystalline Fe-Mn-Si-based steels suffer from a low recovery strain (<3%). To address the low recovery strain in the Fe-Mn-Si-based steels, the research group led by Yuhua Wen professor has been committed to finding the critical factors controlling the recovery strain and finding the methods improving it for more 10 years. Based the long-term works, they found that a high density of annealing twin boundaries leads to the poor recovery strain in the conventional processed polycrystalline Fe-Mn-Si-based steels. Based on this finding, through remarkably suppressing the formation of the twin boundaries they attained a large tensile recovery strain of 7.6% in the cast and annealed Fe-Mn-Si-based steel with fewer twin boundaries. Their results will not only provide a fundamental guideline for developing Fe-Mn-Si-based shape memory steels with a larger recovery strain but also enable their wide use in many engineering areas as structural materials with advanced functional properties.

ICMSEM Opens on July 20-25, 2014 in Lisbon, Portugal

The 8th International Conference on Management Science and Engineering Management (IC- MSEM), organized by International Society of Management Science and Engineering Management (ISMSEM) and co- organized by Universidade Nova de Lisboa (UNL) and Sichuan University (SCU), was held at UNL, Lisbon, Portugal, from July 20 to 25.

Opening Ceremony and Award

The organizing committee chair, Prof. Dr. Cruz V. Machado at UNL, hosted the opening ceremony of the 8th ICMSEM on July 21, 2014, at 9:00 a.m. On behlf of the UNL, the general chair, Professor Dr. Antonio Manuel Bensabat Rendas, the rector of UNL, presented a warm welcome to the university and most sincere wish for a successful meeting. The general chair and the president of ISMSEM, Prof. Jiuping Xu at SCU, presented the sincere appreciation to the co-organizers for their perfect work, the warm welcome to all conference participants, and a brief introduction to the ICMSEM series. The 2014 Advancement Prize for MSEM was also awarded during the opening ceremony. The prizes were rigorously selected from the recognized 138 full papers as valid entries from 1037 submissions by 10 jury board consisting of USA, French, Uzbe- kistan, Mexico, India, Argentina, Vietnamese, and so on. It was observed that some of the submissions have a team of researchers from both developed as well as developing countries.



Keynote Address Presentations

Seven keynote speakers from Azerbaijan, China, Japan, Portugal and Iran have given the plenary reports on the morning of July 21 and 22.

Parallel Sessions

This conference also included 4 parallel sessions, wherein 40 sc- holars from SCU and other international institutes contributed their 15 minutes presentations. All sessions were well attended with periods of intensive after-presentation ex- changes, an indication of the scientific interest in the various developments and trends of op- timization, data mining and related fields of modern OR in the management science and engineering management sector.

Conference Proceedings

The conference proceedings were published as a Springer Proceedings Book with ISBN. This proceedings volume includes the full papers of the communications presented at the conference, which underwent a peer refereeing process.

The 2nd International Symposium on Gene & Cell Therapy Opens in SCU

The 2nd International Symposium on Gene & Cell Therapy was held in Sichuan University on July 1.The symposium was attended by president of Sichuan University, Academician Xie Heping, vice president and Academician Wei Yuquan, domestic and overseas specialists and scholars on gene and cell therapy, as well as some teachers and students majoring in relevant domains of Sichuan University.President Xie Heping addressed the Symposium; Academician Liu Depei, chairman of the Symposium, Prof. James M Wilson and vice director of West China Hospital, Prof. Gong Qiyong gave brief speeches respectively.

During the two-days Symposium, the specialists participating the Symposium shared recent news and advanced experience of gene and cell therapy at home and abroad. They also had in-depth discussion and extensive communications on development status, hotspots and future direction, etc. of biotherapy research and clinical transformation such as gene and cell therapy in the world.

The 13th International Conference on Condensed Matter Theory and Computational Materials Science Opens at SCU

From 13th July to 16th July, "the 13th International Conference on Condensed Matter Theory and Computational Materials Science", jointly sponsored by Sichuan University (hereinafter referred to as SCU when necessary), Peking University and Institute of Physics of CAS, and organized by College of Physical Science and Technology of SCU, was held grandly in Sichuan University. The Conference was attended by specialists and scholars on condensed matter theory and computational materials from 40 plus universities including Peking University, Tsinghua University, Fudan University, Nanjing University, University of Science and Technology of China, Sichuan University as well as University of Michigan, University of Illinois, University of California, University of Toledo, Hong Kong University, Tsinghua University of Taiwan, etc.

The opening ceremony was chaired by Prof. Zhanghong, deputy dean of College of Physical Science and Technology of SCU. Prof. Buhong, vice president of Sichuan University delivered the opening address. During the Conference, Academician Gaojie from Sichuan University, Researcher Wang Yupeng, head of Institute of Physics of CAS as well as Prof. Xie Xincheng, dean of School of Physics of

PKU delivered their invited papers titled respectively as High Frequency Quantum Transport of Quantum Conductor, Off-Diagonal Bethe Ansatz Method and Application as well as Dephasing and Disorder Effects in Topological Insulators.

Over 500 people, including academicians, finalists of national "Thousands of People Plan", Yangtze River Scholars of Ministry of Education and winners of National Fund for Outstanding Young Scholars, registered and attended the Conference, which has won extensive response and vigorous support from scientists and scholars of related fields from mainland China, Hong Kong, Taiwan, US., Germany, etc. 5 parallel sessions were organized during the Conference, and 128 specialists from home and abroad were invited to deliver specially invited reports or invited reports for the Conference or parallel sessions respectively. In addition, there were 76 post reports.

The Fifth International Conference on Palliative Medicine Kicks off

In early September, the Fifth International Conference on Palliative Medicine was held successfully in Chengdu by West China School of Public Health of Sichuan University and Palliative Medicine Group of Sichuan Medical Association. Chen Qianming, assistant to the president of Sichuan University, Li Xiaosong, head of West China School of Public Health, Zhang Gang, vice-chairman of Sichuan Medical Association and Fan Jinchuan, director of Sichuan Tumor Hospital, attended the opening ceremony of the Conference. Prof. Bee Leng Wee, director of National Palliative Medicine of UK Department of Health Services& chairman of UK Oxford WHO Palliative Medicine Cooperation Center and director of Department of Palliative Medicine of University of Oxford, Prof. Margaret O'Connor in charge of palliative care program of Australia Monash University, Prof. M. R. Rajagopal, chairman of Indian WHO Palliative Medicine Cooperation Center& chairman of India National

Palliative Medicine Association, Prof. Wang Yingwei with Taiwan Tzu Chi University and other famous experts attended this event. The participants also include about 350 experts, scholars, medical staff and social workers in the related fields from many medical institutions inside and outside the province.

Prof. Bee Leng Wee, Prof. Margaret O'Connor, Prof. M. R. Rajagopal and Prof. Wang Yingwei introduced the development status of palliative medicine in Europe and the Asia-Pacific region as well as palliative medical service modes and related policies in UK, India and Taiwan, respectively; they also delivered 8 special academic lectures on the issues such as cancerous pain and opioid titration, micropump drug combination for intractable pain or pain of survival, psychological and metal diseases for terminally ill patients and palliative care nursing, etc. Seven domestic palliative medicine experts offered 10 keynote speeches on the applications of opioids in patients with advanced cancer, titration and alternation of opioids, palliative sedation therapy for patients with advanced cancer/ limited life, palliative care for aging and non-malignant diseases in Mainland China, HIV/AIDS epidemic trend and prevention strategy, palliative care in terminal HIV/AIDS, research on ethics and policy of palliative care/hospice care in the cities of mainland China, etc. The experts and scholars attending the conference conducted positive academic discussions and exchanges. Excellent papers were also communicated at the Conference, the authors of which were granted the certificates.

Professors Deng Xiang and Rao Lei from School of Economics Win the Title of "Jean Monnet Chair Professor"

According to Directorate General for Education and C43ulture of European Union, Prof. Deng Xiang, and Prof. Rao Lei from School of Economics of Sichuan University won the honorary title of "Jean Monnet Chair Professor".

"Jean Monnet Chair Professor", which is highly regarded in academia, is an honorary title for excellent researchers and professors within and outside EU for their outstanding performance in the integrated teaching and research on the international scale. And our professors Shi Jian and Wang Yamei have won this honor.

Deng Xiang (left) and Rao Lei (right)

Prof. Zhang Weinian from College of Mathematics/the Yangtze River Mathematics Center of SCU Wins the 2014 Leonhard Euler Prize

A few days ago, Prof. Zhang Weinian from College of Mathematics and the Yangtze River Mathematics Center attended the European Advanced Studies Conference 2014 and Symposium on Differential and Difference Equations 2014 in Homburg/Saar, Germany. And other 99 peers from different countries attended this event. At this conference, Prof. ZHANG gave an academic report named "Roughness of Tempered Exponential Dichotomies".

And the awarding committee held a grand awarding ceremony on the afternoon, awarding Mr. ZHANG and other 10 professors the "2014 Leonhard Euler Prize".

The Prize was set up by the International Society of Difference Equations and Discrete Dynamical

Prof. Zhang Weinian (left) wins the 2014 Leonhard Euler Prize

Systems in 2007. In that year, American Prof. Allan Peterson from University of Nebraska in Lincoln won the prize. And later, through deliberation of the Society, an independent awarding committee was founded in 2014 for new prizewinners. In consideration of Euler's talents in multiple fields, they decided to grant awards for multiple research fields in 2014, including: classical differential equation, difference equation theory and discrete dynamical systems as well as the applications of such fields in physics, mechanics, information and biology, etc.

West China Hospital, Sichuan University Wins Silver Medal for Asian Hospital Management Award

Recently, Asian Hospital Management Award revealed its evaluation results. New media operation project named Application of Microblog (Weibo) Matrix in Hospital Information Dissemination submitted by West China Hospital, Sichuan University, was honored with the Award of Excellence (Silver) for the "Marketing, PR or Online Business" in 2014 Hospital Management Conference of Asia. This is the first new media operation project honored with Asian Hospital Management, and also the sixth project honored to hospital.

The project aims to meet the challenges of hospital transmission in self-media era. With use of microblogs and through integration of the microblog matrixes including: the office microblog, microblogs of 48 departments and more than 2,000 personal microblogs in the hospitals, a new marketing and service platform of the hospital will be shaped to publicize the medical technology, popularize medical knowledge, strengthen communication between hospital and patients and improve the image of the hospital by the interactive communication of microblogs in the matrix; meanwhile, with the office microblog, social conditions and hospital conditions can be kept abreast, making it an information collection window that will provide information for continuous improvement of hospital services. As an information exchange platform, it provides real-time reporting of medical events for the public as well.

It's learnt that 3 projects submitted by 2 hospitals of China have been honored with the Asian Hospital Management Award. At present, West China Hospital, Sichuan University, has been honored with 3 golden and 3 silver medals of the Asian Hospital Management Award.

Background:

Asian Hospital Management Award is one of the top awards in Asian medical sector. 308 projects of nearly 100 top-

quality hospitals from 12 countries and regions

participated in the activity, such as Japan, Republic of Korea, India, Indonesia, Burma, Singapore, Philippines, Malaysia, Cambodia, Vietnam, Kuwait, Hong Kong and Taiwan. Specialists from Medical College of the Johns Hopkins University, Joint Commission International (JCI), Australian Council on Healthcare Standards and International Hospital Federation reviewed more than 20 awards with double blind method.

SCU Students Win First Prize for Office Apps Challenge of Microsoft Imagine Cup

A few days ago, the iGeek Studio team consisting of Zheng Jinta, Tian Zhi, Liu Rongjia and Zhang Yiwei--sophomores (2012) from School of Computer Science and Engineering of Sichuan University, won the first prize and scholarship of 5000 USD in the global final of 2014 Imagine Cup, which was held in the HQ of Microsoft, Seattle, USA.

Currently, as the biggest and most influential science& technology contest for the students in the world, the Imagine Cup has attracted more than 1.6-million students from more than 190 countries and regions to take part in its relevant activities since its founding in 2003.

In 2014, as one of two Chinese teams in the 34 global teams for the final in Seattle, the team members from SCU are selected from more than 1 400 teams consisting of more than 8 000 participants in China. The Imagine Cup comprises Competitions and Challenges, the Apps for Office Challenge is one of the Challenges. Our iGeek Studio team had passed various competition schedules in the global final, and finally their work was praised by the expert panel from HQ of Microsoft, and they won the first prize. The Education Toolkit for Office, developed by our team, has improved multiple functions of Word and PowerPoint, including the optimization of code format, window floating, folding of statement blocks, etc., providing more convenient services for media teaching and study. It's expected this application tool will be globally issued and downloaded from Office Store in October.

Students from SCU cut a striking figure in the world IT stage with their creativity, technology and ability which deeply impressed Microsoft. This cup proves the achievements of SCU in steadily promoting the construction of the system of cultivating 323+X innovative talents with international competitive power in recent years.

SCU World Economy and Public Policy Workshop Kicks off in Oxford University

As one of comprehensive strategic cooperation projects between SCU and St. Edmund`s College of University of Oxford, the World Economy and Public Policy Workshop was held in the University of Oxford recently. 39 young teachers from School of Economics, Business School, School of Public Administration, West China School of Public Health, College of Architecture &Environment from SCU participated in this Workshop in Oxford.

The training class was opened on August 3 and lasted for 15 days. The senior professors from St. Edmund`s College of University of Oxford delivered a series of lectures to our teachers on economics, public policy, management, and other frontline topics in terms of expertise, teaching methods and frontier of research field, etc.

The delegation led by vice-president of SCU, Yan Shijing, held discussions with the counterparts of St. Edmund`s College on mutual cooperation, laying a solid foundation for comprehensive cooperation between SCU and University of Oxford.

The 2014 "China-Belgium-Africa Project" Exchange Activity Held Successfully

From July 27 to August 16, SCU's "China-Belgium-Africa Project" summer exchange group conducted smoothly the three-week study and exchange activities in Brussels, the capital of Belgium.The exchange group consists of 8 undergraduates from West China College of Medicine, West China College of Stomatology, College of Foreign Languages, College of Mathematics, College of Economics, College of Business, College of Architecture and Environment, etc. They, together with 8 students from Vrije Universiteit Brussel of Belgium and 8 students from L'Université officielle du Congo, joined the 2014 "China-Belgium-Africa Project" exchange activity organized by Vrije Universiteit Brussel and had in-depth discussion and group survey on three global issues: "Climate Change", "Social Imbalance" and "Urbanization".

The "China-Belgium-Africa Project" is aimed at promoting the cultural exchange among youthful students from Asia, Europe and Africa represented by China, Belgium and Congo and facilitating their study and exploration of the challenges and global issues confronted by human for sustainable development indicated in 2013 Human Development Report of the United Nations.The Project was highly valued by Brussels capital district government of Belgium, which specially organized a grand welcoming party for the 24 students.The representatives from Chinese Embassy in Belgium, Congo's Embassy in Belgium and Vrije Universiteit Brussel's international office took part in the closing ceremony of the Project.

As one of the three cooperative universities, SCU will hold the 2015 Project exchange activity in April, 2015.

This Summer, SCU Embraces The World Again

— 2014 SCU University Immersion Program

From 29th, June to 12th, July, SCU witnessed some unforgettable days in gathering with the peers from other universities in the world. With the success of 2014 Practice and International Courses Week, an increasingly internationalized Sichuan University expressed warm welcome to the external world again.

Grand Opening: Sincere Greetings from the World

In the 14 unforgettable days and nights, 141 world-famous specialists and scholars from 67 world-class universities of 19 countries launched 39 wonderful "Exchange Camp" activities, 51 short-term practical curriculums and 183 whole-English teaching international courses covering arts, science, engineering and medical courses to more than 500 overseas students...Students from different disciplines and academic fields appreciated the charm of practice and international courses in these unique activities.w

In this summer, academics and culture as well as technical innovation and practice were integrated in Sichuan University.Prof. Louis Wolcher from University of Washington said: "the following 14 days may be the most inspiring and rewarding 14 days in your life."Jaymie Dawes, a student from Monash University said excitedly in the opening ceremony: "what an

exciting thing it would be to communicate with so many people in such a big university in such a big city!". Erin from Harvard was really happy when she arrived in Chengdu, saying: "every single second here brings me totally different feelings and I am really eager to know more about Chengdu and Sichuan University".Kate from Arizona State University, majored in Journalism, wrote many articles about research on China at school, but this was her first time to China: "I like the free atmosphere in Sichuan University, and this is really different from what I thought before", she said.Different languages of different countries expressed the same words: "Hello, Sichuan University".

Whole-English Teaching Courses: World's Vision and Edification from World-Class Masters

Adhering to the goal of becoming a first-class university, Sichuan University always opens up to the world. Up to now, it has established an exchange and cooperation relationship with more than 150 overseas famous universities, scientific research institutions and foundations from 40 countries and regions, set up a series of high-level international research institutions to cultivate international talents who are knowledgeable, literate, wise and conscientious with international view .With the whole-English teaching international courses in the international week, Sichuan University has successfully exchanged with world-class universities, like Sichuan University, Harvard University, Oxford University, Massachusetts Institute of Technology, Romonosov Moscow State University, Queen Mary University of London, University of Washington, University of Nottingham, Arizona State University and National University of Singapore, enabling students in SCU to receive edification from famous teachers without stepping out of the campus.

Vice president of Arizona State University, Prof. Denis·Simon gave a course named China Industry Technology and Management Conditions to students in Sichuan University. And he hoped to lead Chinese students to observe the development road of China from an outside perspective, so as to think of their own approaches in a better way: "the world is interconnected and Chinese students will not be able to fully understand their country if they fail to understand the world", he said.

In 1981, Prof. Simon came to China and became one of the first few foreigners in China after the reform and opening up.His unique and deep research on innovation policies in China and America and his "close contact" with China in the last 30 years make him a well-deserved "China hand". He was rewarded the "Friendship Award of China", the highest prize for foreign special-

ists in China, and the title of Dalian "Honorary Citizen".Prof. Simon talked about changes of China from the viewpoint of foreigners based on his own experience. He said: "I came to China in 1980s, finding almost everyone dressed in the same kind of clothes with the same hairstyles, but no younger girl put on makeup. All people looked exactly the same. But now, I can hardly tell the difference between SCU and Arizona State University.The lives of Chinese people become increasingly colorful, just as China itself. We already found that China has transformed from a country focusing on cheap labor force output into one focusing on intellectual wealth output.So, as I always said to my student, it is very necessary to study and understand China."

Prof. Simon has studied China for 33 years, during which he came to Sichuan University for more than 20 times. But every time is a new "surprise"."When I first came to Sichuan University, it was the so-called former "Sichuan University". And the feelings are totally different from what I have now.I'm deeply impressed upon the language ability and field of views of the students. I almost witnessed the process of Sichuan University to open up and present herself to the world', he said.And Arizona State University is willing to cooperate with a more internationalized Sichuan University. Prof. Simon said: "I'm not only willing to participate in activities like international course week, but also I really hope these two universities will conduct further cooperation"."

"International Exchange Camp" Activities: There is No Boundary or Border in Culture and Friendship

In the two-week campaign, 25 colleges (departments) of Sichuan University held 39 "International Exchange Camp" activities of different subjects.Together with the students from Sichuan University, students from all over the world can enjoy a "chemical trip" with the assistance of the College of Chemical Engineering, visit General Medical Center in West China College of Medicine and join in practical skill training of community healthcare, participate in mobile phone programming marathon of international mobile phone programming training camp in the College of Computer Science, "feel history in Sichuan University" in collaboration with the School of History and Culture, conduct on-site investigation, survey and mapping in collaboration with the College of Architecture & Environment, carry out water quality investigation in Chengdu in collaboration with the College of Chemistry, experience the distinctive national cultural trips in the College of Foreign Languages and Cultures, and discuss college students' scientific research projects at home and abroad

with students from Wu Yuzhang Honors College of Sichuan University… Colorful activities and projects make students of SCU smoothly communicate and interact with nearly 100 overseas students.

Sports is diversified, and culture is unlimited by the border.In the background of the World Cup, the College of Foreign Languages and Cultures held "Spain Culture Day" in the campus of Sichuan University to feel the enthusiasm in Spain together with more than 40 overseas students from Uruguay, Madagascar, Chile, Russia, America and Belgium, etc, through football programs.After spending a few days in Sichuan University, Martin from Uruguay "has lost his heart to this place".He not only invited his mother to visit Chengdu and enjoy beautiful scenery here, but also presented a sharing session named Uruguay Culture and Football to students in Sichuan University. He introduced the emergence and development of Spanish in Latin America by introducing football culture."Football is rooted in our blood; just like other sports, football won't be separated by national boundaries," Martin said, "so does culture. Sichuan University shows me Chinese culture and I will introduce our culture to Sichuan University as well."

If Spain Culture Day can be expressed as energetic red, the exchange camp activities in West China School of Public Health will be expressed as pure white.Overseas students from Georgetown University, together with students from prophylactic medicine specialty of West China School of Public Health, went to Health Service Center in Yuli Community of Wuhou District to visit and learn situations of community health service.

After visiting Department of Pediatrics, Clinical Laboratory, Gynaecology& Obstetrics and Injured Dogs, etc., the students from Georgetown University and West China School of Public Health had a new understanding of the work in community health service.Amongst these special visitors, there is a girl named Ma Weiwei in pursuit of her dream for her hometown.It's hard to believe the girl speaking pure Beijing dialect is an ABC if she doesn't introduce herself. Ma Weiwei feels very comfortable when sitting among students from West China School of Public Health. She said: "This is my first time coming back to China, but I feel very familiar".I was born in America. I can hardly recognize Chinese characters though my parents insist on teaching me Chinese. I'm so close to my country when I'm in Chengdu in these days, and I can understand and feel China in a better way."

Innovation and Entrepreneurship Forum: Wisdom Brain Raises the Sail of Dream

In the forum, there are 14 disci-

plinary competition& trainings including: physical academic competition, machinery innovation design competition, engineering training& comprehensive ability competition, environmental engineering theme design competition, chemical engineering design competition and electronic information competition, 20 innovation and entrepreneurial lectures covering art, environment, computer and management, etc., 33 practical trainings related to specialties, 84 comprehensive design, innovative and exploratory experimental courses, 106 excellent research papers covering arts, science, engineering and medical fields and 17567 elective students...Innovative intelligence of Sichuan University is thus nurtured as illustrated by the numerous data.

With an entrepreneurial dream, Feng Junshuai, a Grade 2011 graduate student from the College of Manufacturing established an IoT science and technology company--Chengdu Shiwei Internet of Things Science& Technology Company with some classmates, which is engaged in development and application promotion of IoF technologies.These ambitious young people aimed at changing application fields of IoF encountered challenges in the early stage of the company due to lack of experience, capital and resources. "Members of our team have invested their living expenses and scholarship into the company, but there is no hope. We even thought about giving up." Young CEO Feng Junshuai recalled, "then, we were advised to participate in some entrepreneurship competitions like "Challenge Cup" competition and "one-to-one" assistance of our enterprise tutors from the enterprise trainings organized in our school."Now, this "student-established" company has employed more than 10 undergraduates and attracted more than 20 students from Sichuan University to do part time jobs. Feng Junshuai proudly said that: "we will hold 15 patents this year. And accumulated income of our company will amount to CNY 1.5 million and new orders of our company will nearly reach CNY 2 million.

These high-spirited young people are using their wisdom and passion to create new miracles of this era, and set sail of dream towards their future lives.Just as Huang Jiashun, a Grade 2010 student in Business School who erected the school flag of Sichuan University on the South Pole, said about team entrepreneurship project, "actually, academic researches are not far from us. Entrepreneurial innovation is originated from actions of a tiny idea, and any failure we come across in the process is a temporary failure. Team's strength will help us in moving forward and international stage will facilitate our success."

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