清華大學
Tsinghua University

感知中国·清华印象

EXPERIENCING CHINA
TSINGHUA SUMMER SCHOOL

JULY 16-28, 2017

EXPERIENCING
CHINA 2017

CONTENTS

HELLO, AND WELCOME TO TSINGHUA ! 2

ABOUT THE PROGRAM 3

NOTABLE SPEAKERS 4

COURSE CONTENT 7

PROJECT TUTORS 10

PROGRAM SCHEDULE 13

PROGRAM CALENDAR 14

TUITION AND FEES 15

REQUIREMENTS 15

HOW TO APPLY 16

ADMISSION 17

CONTACT INFORMATION 17

HELLO, AND WELCOME TO TSINGHUA!

Dear future global shapers,

Come and join us this summer at Tsinghua University in Beijing to explore the diversity of China, to decode China's unique circumstances and aspirations, and to develop links with China and the world together. This summer's experiential learning program at Tsinghua will help sharpen your global vision and leadership.

Come and join us to embrace the world and meet more than two hundred of the brightest talents from around the globe. Let us explore China in the world and the world in China, and engage with the interconnected challenges and opportunities facing China and the world together – economic, environmental, educational, political, social and cultural.

Come and join us for a summer in one of China's most innovative, dynamic, and historical cities. This unique place and space means never running out of things to see, do, and enjoy.

So if you want this summer to be extraordinarily different, come and join us!

Yigong Shi
Vice President
Tsinghua University

ABOUT THE PROGRAM

The Experiencing China – Tsinghua Summer School 2017 will run from July 16th - 28th 2017, lasting 2 weeks. This program was launched in 2016 and has provided 141 students from 26 countries a great platform to explore key aspects of China and promoted mutual understanding between Chinese and international students. (To see a video of Experiencing China Summer Program 2016 at Tsinghua University Youtube channel: https://www.youtube.com/watch?v=9svo4Tx_Q0o)

This two-week summer program offers a series of keynote lectures in China's economy, environment, international relations and history by leaders at the forefront of their respective fields; team projects, site visits and round-table discussions facilitated by a star team of multidisciplinary tutors; and a wide range of cultural activities on campus and in the city.

The program will culminate in a forum to be designed and facilitated by students themselves. The forum will exhibit their discoveries and insights in China, and promote their collaborative problem-solving proposals developed during the program.

Students who successfully complete the summer school, will receive an official transcript and earn 2 acdemic credits from Tsinghua University.

NOTABLE SPEAKERS

This summer program is honored to host keynote lectures by leaders at the forefront of their respective fields, among them:

Professor Yigong SHI – Vice President of Tsinghua University, Cheung Kong Scholar, National Natural Science Foundation of China Outstanding Young Scientist, academician of the Chinese Academy of Sciences, fellow of US Academy of Arts and Sciences, and fellow of US National Academy of Sciences. His laboratory combines structural biology, biochemical and biophysical approaches to elucidate the molecular and chemical basis of fundamental cellular events. His research has provided important insights into programmed cell death and regulated intramembrane proteolysis. His pioneering research on caspase activation, inhibition, and depression markedly advanced mechanistic understanding of programmed cell death. He is a world leader in the structural biology of cell signaling and macromolecular assemblies. For his research contributions, he received a number of recognitions, including the 2003 Irving Sigal Young Investigator Award from the Protein Society, the 2010 Sackler Prize in Biophysics, and the 2014 Gregori Aminoff Prize from the Royal Swedish Academy of Sciences.

NOTABLE SPEAKERS

Kebin HE (tentative) – Dean of Department of Environment, Cheung Kong Scholar, academician of the Chinese Academy of Engineering. He has over 20 years of research experience in air pollution control. His main expertise includes complex fine particulate air pollution control, emission quantification and source identification, and multi-pollutants control. He has published more than 260 peer reviewed papers in the academic journals. His research has substantially promoted the air quality management and regulation system development.

Jinliang Li – Associate Professor in Finance at School of Economics and Management, Tsinghua University; Dean of Office of International Cooperation and Exchange, Tsinghua University; and Dean of Institute for Industrial Innovation and Finance. His research interests include financial markets and risk management and publishes prolifically. As Deputy Secretary General at the National Supervisory Committee of Postgraduate Professional Degree Education in Business Administration, he serves for the development of business education in China.

NOTABLE SPEAKERS

Canrong JIN (tentative) – Professor and Associate Dean of the School of International Studies, Renmin University of China; Weilun Chair Professor at Tsinghua University. His studies focus on American politics with special reference to the US Congress, American foreign policy, Sino-US relations and China's foreign policy. His main publications include 50 academic papers, seven books and five translated books. He serves as the vice-president of the China National Association of International Studies, adviser of the policy planning office at the National People's Congress, and a member of the Standing Councilor of the China Reform Forum.

Hui WANG (tentative) – Professor and Cheung Kong Scholar at Department of Chinese Literature and Department of History, and Director of Tsinghua Institute for Advanced Study in Humanities and Social Sciences, Tsinghua University. His research interest is Chinese intellectual history, modern Chinese literature and social/political theory. He was the editor-in-chief of one of China's most influential literary magazine "Dushu" in 1996-2007. The US magazine "Foreign Policy" named him as one of the top 100 public intellectuals in the world in 2008. He won "Luca Pacioli Prize" in 2013. He has been Visiting Professor at Harvard, Edinburgh, Bologna, Stanford, UCLA, Berkeley, among others. He is the author of numerous monographs, among others China's New Order (2003), The Rise of Modern Chinese Thought (2004), Depoliticized Politics: The End of Short Twentieth Century and 1990s (2008), The Politics of Imagine Asia (2011), China from Empire to Nation-State (2014), and China's Twentieth Century (2016).

COURSE CONTENT

Creative Solutions for Creative Cities

There are seven key areas we will focus on. We encourage each participant to choose one area as his/her fieldwork project. Each area will be led by an academic tutor for in-depth exploration.

Does China have an innovative **economy**? How can technology entrepreneurships thrive as China rebalances its economy? Let us explore the frontiers of Chinese technological industries in Beijing and examine how both established companies and start-ups are responding to this new economic landscape.

Environmental challenge is one of the most critical issues in achieving sustainable growth for China and the world. Let us explore the current environmental situation in China and examine how both local and global efforts are addressing common challenges.

Today over half of China's population live in **cities**. Beijing currently has a population of twenty-two million permanent resident and eight million non-permanent resident. Is Beijing capable of increasing population density while enhancing its livability, sustainability and productivity? Let us explore possibilities for smart and sustainable solutions for Beijing.

COURSE CONTENT

Educational equity is an abiding issue in **education**. As cities expand and change rapidly, an unbalanced distribution of educational resources is posing serious challenges to both the level of access and quality of education. Let us explore and evaluate the latest efforts to include all children in quality education in Beijing and China.

What are women experiencing in contemporary China? What are the realities that exist for Chinese **women** in relation to: ethical and aesthetic value; lifestyle; living and cultural spaces; and imaging in mass culture? What are the conditions and policies concerning gender equity? How will the removal of the one-child policy affect the role of women? Let us explore some of the lives of those who "uphold half the sky" and decode China from a gendered perspective.

As a true microcosm of China and cosmopolitan city of the world, Beijing is at the meeting point between ancient and modern/post-modern, east and west. Let us understand what is being done to preserve China's **cultural** heritage, traditional and modern architecture; explore the role of innovation in this process; and identify the cultural forces that are forging the future of Beijing.

COURSE CONTENT

China's **urbanization** process is recognized as one of the big events that has significant impact on the world. Huge population flow, material flow, money flow and information flow happen everywhere in every minute, which we are trying to understand, describe and exhibit by both macroscopic big data and detailed cases. Also, during this urbanization period, urban and rural communities will develop in different ways, distinguishing but harmonious. City center of Beijing and its villages will be taken as typical example.

How can we unlock the potential of creative cities from multiple perspectives? With the support of design thinking toolkits, service innovation methods and transformative technologies, let us investigate Beijing through field research, propose innovative solutions to China's challenges, and produce prototypes for a creative city.

PROJECT TUTORS

- **Zhou ZHONG** - Associate Professor in Comparative and International Education at the Institute of Education, Tsinghua University; Associate Dean of the Office of International Cooperation and Exchange, Tsinghua University. Her research interest involves comparative and international studies of higher education management, teaching and learning innovation, professional development for faculty and teachers, comparative history of education and comparative methodology.

- **Wei XIAO** - Director of the Center for Gender and Ethics, Tsinghua University. Her research interest involves gender philosophy and ethics, bioethics, public health ethics and Feminist ethics, etc. She held visiting fellowships at Oxford University, Harvard University, University of Alberta, Padova University and Oviedo University. She is an Emeritus Professor of China Women's University and Vice Chairman of the Association of Women's Health and Mental Health in China. She has her own column in China Women's News, a major national newspaper for women.

- **Zhiyong FU** - Associate Professor of Information Art and Design Department, Academy of Arts and Design, Tsinghua University. His research interest involves information and interaction design, service design, social innovation and smart city design. He is the initiator of the Design & Technology Entrepreneurship Workshop and Design Partner Project at Tsinghua University, and he is dedicated to integrating a "maker" culture and methodology into innovation and entrepreneurship education and practices.

PROJECT TUTORS

- **Yishi LIU** - Assistant Professor in Modern Chinese Architectural History at School of Architecture, Tsinghua University. He publishes widely on modern Chinese city planning and architectural styles from comparative and international perspectives and architectural communication between the West and the East. His recent books are The Study and Preservation of Modern Chinese Architecture (Tsinghua University Press, 2014) and A History of the Architectural Society of China in the Past 60 Years (Architectural IndustryPress, 2013).

- **Xueyong GU (Ben KOO)** - Associate Professor in Industrial Engineering at Fundamental Industry Training Center (iCenter), Tsinghua University. He has ten years of experience in university teaching and mentoring, in research in both industrial and academic settings, and in industrial development in the information technology sector, specializing in architectural planning, information system integration and mission-critical software development. He is the founder of extreme learning process(XLP), an award winning methodology for managing knowledge in a very large crowd.

- **Xi LU** - Associate Professor in School of Environment, Tsinghua University. His research aims at understanding the technical, economic, and environmental dimensions of low or zero carbon energy sources as a means to reduce emissions of greenhouse gases and air pollutants. His research interests include modeling complex systems of renewable energy, environment and climate including resource assessment for wind and solar power, complementary effects of wind, solar and hydro power and the benefits for gird integration, energy storage, emission inventory of greenhouse gases and air pollutants, and urbanization and energy systems.

PROJECT TUTORS

- **Deyu Woody WANG** - Director of Technology Innovation Lab of Tsinghua iCenter, and executive director of Tsinghua University Life-long Learning Lab. As an industrial engineer, Woody has a good insight in systematically managing the process of innovation. He also has a rich experience in massive collaborative learning, VR/AR and simulation, industrial system design, human-machine interaction design, etc. He is one of the instructors for TEDxTHU and THU Makerspace Student Club.

- **Jiayan LIU** - Associate Professor of Department of Urban Planning, School of Architecture, Tsinghua University. Her research involves Social Planning in Urban-rural Planning, Community Planning & Housing Studies, Sustainable Urban Regeneration, Urban Public Space Planning, etc. She held visiting fellowships at London School of Economics and Political Science,University of Amsterdam, University of New South Wales. She was also a postdoctoral fellow at the Department of Sociology, School of Humanities and Social Sciences, Tsinghua University.She is Member of Specialized Committee of Big Data of Chinese Society for Urban Studies, Researcher of China in Comparative Perspective Network Global, Member of Consulting Team of City Construction and Management, Xicheng District, Beijing, Member of Editorial Board, China City Planning Review.

PROGRAM SCHEDULE

Day	Date	Morning	Afternoon	Evening
1	July 16 st (Sun)	Registration		
2	July 17 st (Mon)	Opening ceremony and opening keynote lecture	Orientation and project introduction	Welcome dinner
3	July 18 st (Tue)	Keynote session: China's economy, environment, international relations, and history	Project lecture and discussion*	Free time (Optional cultural & sporting activities)
4	July 19 st (Wed)		Project lecture and discussion*	
5	July 20 th (Thu)		Project fieldwork** I	
6	July 21 st (Fri)		Taste of Chinese art	
7	July 22 nd(Sat)	Tours of central Beijing and the outskirts of Beijing		Weekend parties
8	July 23 rd (Sun)			
9	July 24 th (Mon)	Project fieldwork** II		Free time
10	July 25 th (Tue)	Project fieldwork** III		(Optional cultural & sporting)
11	July 26 th (Wed)	Synthesis workshop+		
12	July 27 th (Thu)	Expo & Presentation preparation		
13	July 28 th (Fri)	Graduation Ceremony : Expo & Presentation		Gala dinner
14	July 29 th (Sat)	Check-out		

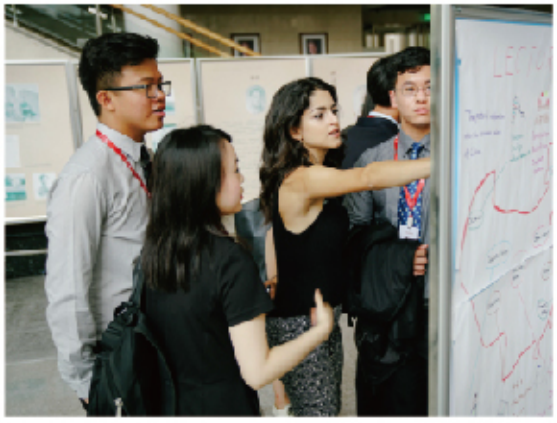
* 7 project groups focus on their respective areas: economy, environment, city, education, woman, architecture and urbanization.

** Project fieldwork will be led by 7 project group tutors.

\+ Each team will discuss fieldwork and how they will move forward with their final deliverables.

PROGRAM CALENDAR

February 16 th	Application begins
June 9 th	Application closes
July 16 th	Registration
July 17 th	First day of the program
July 28 th	End of the program



TUITION AND FEES

Tsinghua University is offering summer school scholarship places for Experiencing China– Tsinghua Summer School 2017.

The scholarship covers the following:

- Registration fee
- Tuition fee
- Housing (on-campus accommodation for international students for two-week period, mainly en-suite single rooms)
- Basic accident insurance for two-week period in Beijing

Scholarship students are required to cover their own airfare costs, adequate medical insurance for their stay in China as required by both Tsinghua University and Chinese visa application.

REQUIREMENTS

The applicants for Experiencing China 2017 should fulfill the following requirements:

- Above 18 years old, be currently attending college/university; and in good health
- The program will be conducted in English, students are required to provide proof of English proficiency if their first language or teaching language in home institution is not English, please provide either one of the following documents as reference:
  - IELTS（a score of 6.5 or above）
  - TOEFL（a score of 85 or above）
  - Others (e.g. a letter of reference from your institution to prove that your English ability are sufficient enough for learning and communication)

HOW TO APPLY

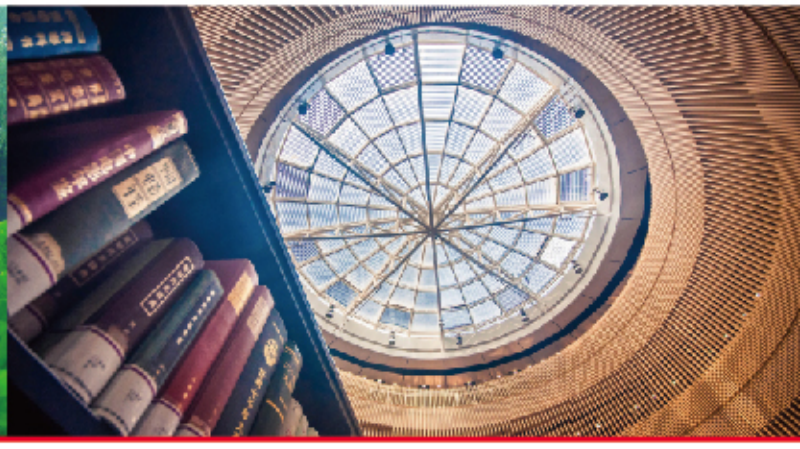
We invite your university to nominate undergraduate and postgraduate students to participate in this summer program. For application, please complete the application form along with other application materials and email it to: experiencing-china@tsinghua.edu.cn

Application Material:

1. Application form
2. Curriculum Vitae
3. Transcript with official stamp
4. Photocopy of passport (page with photo)
5. One electronic copy of applicant's recent photo (cap-free, 2-inch size)

We will send you a confirmation email within ten working days upon receipt of your application. Application closes on June 9th, 2017.

For more information about Tsinghua University, please visit our website: http://www.tsinghua.edu.cn



ADMISSION

Tsinghua Summer School has rolling admissions policy, the admission starts once receiving the application.

CONTACT INFORMATION

Tsinghua University

International Students and Scholars Center, Short-term Study Office

Tel: +86-10-62773076

Fax: +86-10-62771134

Email: experiencing-china@tsinghua.edu.cn

CHINA

清华大学“
Tsing
xperiencing

Tsinghua University: www.tsinghua.edu.cn

www.facebook.com/Tsinghua/

twitter.com/ChinaTsinghua

@Tsinghua_official

https://www.youtube.com/channel/UCBQfynxNKHvKjGPOJXYQqzQ

EXPERIENCING
CHINA 2017