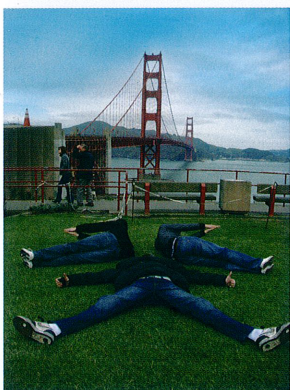
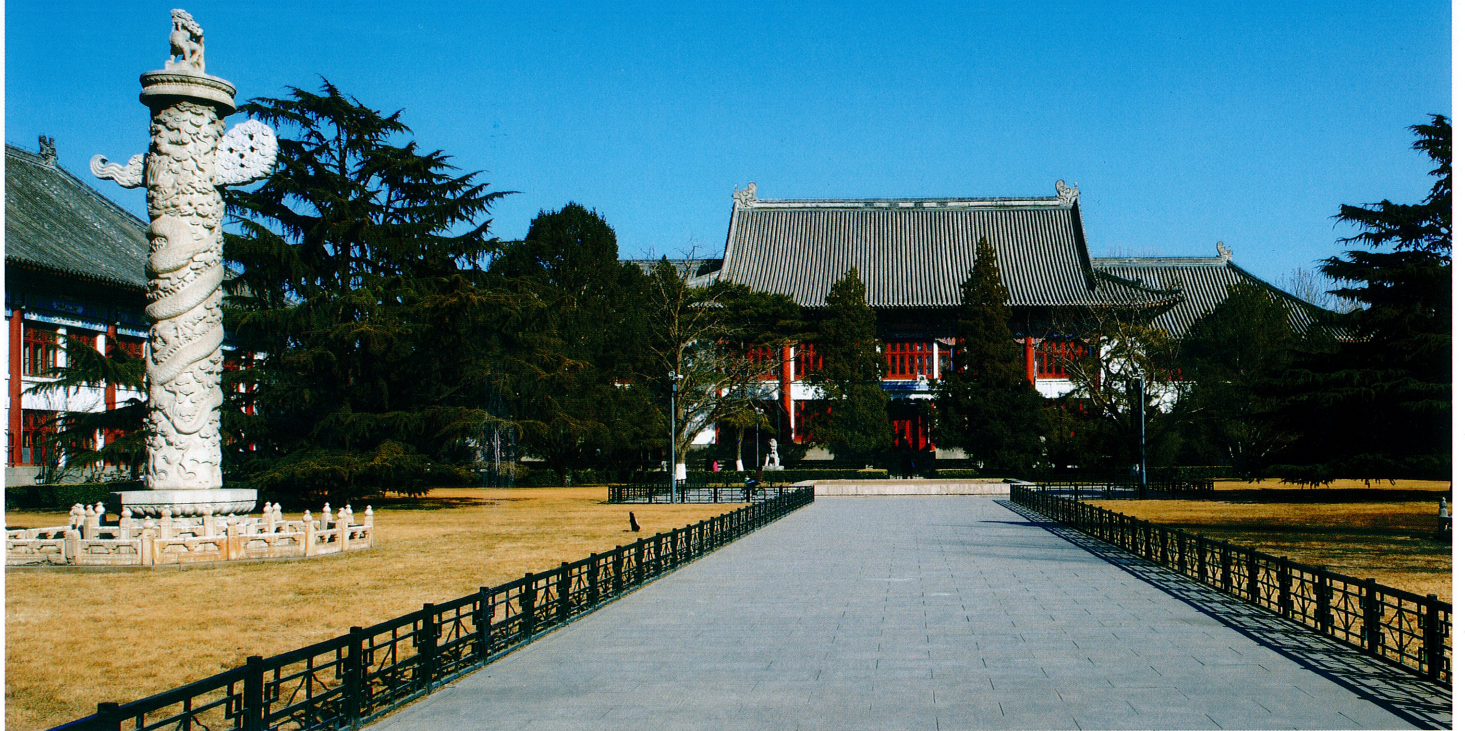


2012 GLOBEX SUMMER

College of Engineering, Peking University



工学院国际合作办公室
COE INTERNATIONAL RELATIONS

The GLOBEX Program in Engineering @ Peking University

The Global Educational Exchange (Globex) program constitutes an initiative for educational exchange and research collaboration between The College of Engineering at Peking University, Beijing, China and a foreign College of Engineering. It is designed to deepen the growing partnership between the two institutions by providing a framework for exceptional students and faculty to attain a global educational, research and professional experience. Both parties subscribe to the policy of equal opportunity and non-discrimination on the basis of race, sex, age, ethnicity, religion or sexual orientation. The Globex agreement is governed by the principles of equality, reciprocity and mutual benefit.

Globex 项目是北京大学工学院和多所世界知名大学工学院之间达成的关于学生交换学习和合作研究的项目。此项目旨在加深北大工学院与其他多所世界著名大学工学院之间的合作关系，为优秀的工科学生和教师提供一个很好的全球教育交流和研究交流的实践平台。双方大学执行“机会平等”政策，不因种族、性别、年龄、民族、宗教或性取向而歧视申请者。另外，Globex协议遵守平等、互惠、互利原则。

The table below depicts the 4 Globex programs together with the 12 university participants.

Globex 项目有4种形式，共有12所高校参加，如下详情。

University	Participants	2012 Globex Summer	2012 Globex Fall	2013 Globex Spring	2012-2013 Globex Design
Peking University	Instructor & Students	●	●	●	●
University of Delaware	Instructors & 6 Students	●	●		
Stanford University	Instructors & 10 Students	●			
University of Maryland	Instructors & 15 Students	●	●		
University of Toronto	Up to 5 Students	●	●		●
Tsinghua University	Up to 15 Students	●			
Yokohama National University	Up to 5 Students	●			
Chinese University of Hong Kong	Up to 5 Students	●			
CONICYT (4 Chilean Universities)	Up to 15 Students	●			
National University of Singapore	TBD				●
University of Southern California	TBD			●	
Princeton University	TBD			●	

PKU Engineering



College of Engineering, Peking University

Peking University College of Engineering was established in 1910. However, in 1952 most engineering programs were re-located to Tsinghua University. Today, with the rapidly advancing economic and socio-technological developments in the Chinese economy and Chinese Society, coupled with the goal of Peking University to become a World class university, The College of Engineering was officially re-established in March 2005. The focus of PKU Engineering is on cutting-edge technologies, interdisciplinary research and the training of future engineering leaders and entrepreneurs. Since its rebirth, the College has made significant progress in faculty recruitment, scientific research and research collaborations, educational achievements, and global programs and relationships. The College currently has 6 departments and 18 research centers, 3 of which are state key research institutes. Many of them are recognized internationally for their research excellence. The College is rapidly evolving into one of the elite engineering schools recognized throughout the World. Since 2009 PKU Engineering has been consistently ranked in the top 50 worldwide and second in China by both US News and World Report and the UK Times Higher Education.

Contact Info

Dean's Office

Dean of Engineering: Shiyi Chen

Executive Vice-Dean: Dongxiao Zhang

COE Office of International Relations

Assistant Dean: Han Pingchou

ray-han@pku.edu.cn

8610-6276-7394

Director: Zhang Shanshan

sszhang@coe.pku.edu.cn

8610-6276-5571

Administrative Officer: Liu Ning

globex@coe.pku.edu.cn

8610-6275-6184

College Website:

<http://www.coe.pku.edu.cn/>



Top & Bottom: PKU and Stanford students taking a break on the last day of workshop



2012 GLOBEX Summer Instructors



Cross Cultural Design for Service

跨文化服务设计

Pamela Hinds

Associate Professor
Stanford University

No. of Credits
3

Duration
Jun 25 – Aug 10

Frequency
Varies

Further Info
See Page 11



Applied Numerical Methods

数值方法

Shaoqiang Tang

Professor and Associate Dean
Peking University

No. of Credits
3

Duration
Jul 16 – Aug 10

Frequency
8-10 AM, M-F

Further Info
See Page 12



Nanomaterials and Nanotechnology

纳米材料与纳米技术

Wei Bingqing

Professor
University of Delaware

No. of Credits
3

Duration
Jul 16 – Aug 10

Frequency
10 AM-12 PM, M-F

Further Info
See Page 13



Orthopaedic Biomechanics

骨科生物力学

Michael H. Santare

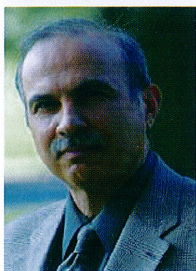
Professor
University of Delaware

No. of Credits
3

Duration
Jul 16 – Aug 10

Frequency
1-3 PM, M-F

Further Info
See Page 14



Engineering Systems Analysis

工程系统分析

Ali Haghani

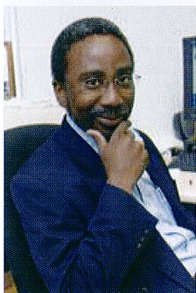
Professor and CEE Dept Chair
University of Maryland

No. of Credits
3

Duration
Jul 16 – Aug 03

Frequency
3-6 PM, M-F

Further Info
See Page 15



Random Phenomena: Probability, Statistics and Statistical Design of Experiments

随机现象：概率、统计和统计实验设计

Babatunde A. Ogunnaik

Professor and COE Dean
Member, National Academy of
Engineering
University of Delaware

No. of Credits
3

Duration
Aug 13 – Aug 24

Frequency
8AM-12PM, M-F

Further Info
See Page 16