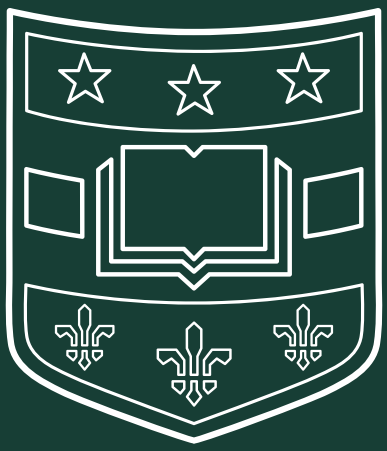


McDONNELL INTERNATIONAL SCHOLARS ACADEMY

The Lead Initiative in Washington University's Globalization Strategy



McDONNELL INTERNATIONAL SCHOLARS ACADEMY

The Lead Initiative in Washington University's Globalization Strategy

ENHANCE OUR LEADERSHIP TODAY TO BENEFIT AMERICA AND THE WORLD TOMORROW

FOUNDED: 1853 | CHANCELLOR: MARK S. WRIGHTON | LOCATION: ST. LOUIS, MISSOURI

The McDonnell International Scholars Academy relies on partnerships with a select group of premier universities from around the world. We recruit future global leaders from these partners and mentor them as they pursue graduate and professional degrees at Washington University.

In addition, we foster collaborative research and educational efforts across the institutions in the Academy on issues such as energy and sustainability, international understanding, and global public health. The Academy is an incubator for new ideas on global networks in research and education and will continue to pursue new initiatives in the future.

The McDonnell Academy works closely with distinguished faculty across disciplines at Washington University and key leaders in the areas of:

BUSINESS | SCIENCES | ENGINEERING | MEDICINE | LAW
INTERNATIONAL RELATIONS | AGING AND PUBLIC HEALTH

ACADEMY LEADERSHIP

Academy Ambassadors

The Academy Ambassadors mentor Scholars and nurture the development of international cooperation among partner universities and sponsoring corporations.

Steering Committee

The McDonnell Academy's Steering Committee consists of academic leaders at Washington University who oversee the Academy's programs and serve as an admissions committee.

External Advisory Committee

The McDonnell Academy has a committee of external advisors to advise the Chancellor and the Academy Director on programming initiatives and on developing partnerships with research universities in other countries.

For more information on McDonnell Academy Leadership, visit mcdonnell.wustl.edu



U.S. Senator Claire McCaskill speaking with McDonnell Scholars during 2017 cohort trip to Washington, D.C.

BROWN SCHOOL | OLIN BUSINESS SCHOOL | SAM FOX SCHOOL OF DESIGN & VISUAL ARTS | SCHOOL OF ENGINEERING & APPLIED SCIENCE | SCHOOL OF LAW | SCHOOL OF MEDICINE | THE GRADUATE SCHOOL

McDONNELL INTERNATIONAL SCHOLARS ACADEMY

APPLYING FOR ADMISSION TO THE MCDONNELL ACADEMY

Eligibility

- If you are a student from a University Partner who has applied for admission to one of the eligible full-time doctoral or master's degree programs, you may also apply for admission to the McDonnell International Scholars Academy.
- Check the list of eligible programs from each school at mcdonnell.wustl.edu.

You must apply separately to the Academy.



McDonnell Scholars inside Capitol Hill during 2017 cohort trip to Washington, D.C.

Application Procedures

To apply to the McDonnell Academy, you must be admitted to a doctoral or master's degree program at Washington University. The McDonnell Academy Steering Committee will examine your academic potential and your commitment to international issues and global leadership.

- Submit an application to one of Washington University's eligible doctoral or master's degree programs. (On the application, you should provide information on financial support or request financial assistance as if you were not applying to the Academy.)
- Apply **separately** to the McDonnell Academy by February 1 of your application year. You can find the online application and application instructions at mcdonnell.wustl.edu.

Support

If you are admitted to the McDonnell Academy for the current academic year, you will receive:

- Full tuition for study in a doctoral or master's degree program. This support will continue as long as you are making satisfactory progress toward a degree within a specified amount of time.
- A 12-month living stipend for each year that you are making satisfactory progress toward a degree. This stipend is set at $28,000 for the academic year beginning August 16.
- A one-time allowance of up to $1,500 for travel to St. Louis to begin studies as an Academy Scholar.
- An annual travel allowance of up to $2,000 for a trip back to your alma mater.

IMPORTANT NOTE: If you are admitted to a doctoral or master's degree program but not to the McDonnell Academy, you may receive whatever financial assistance the degree program offers. If you are admitted to a degree program and to the McDonnell Academy, then our financial assistance agreement will replace that offered by the degree program. Notification of admission to the graduate or professional degree program will occur before notification of Academy admission.

AMBASSADORS & THEIR UNIVERSITY PARTNERS

University of Ghana
Jean Allman
J.H. Hexter Professor in the Humanities, Department of History, Arts & Sciences; Director, Center for the Humanities

Indian Institute of Technology Bombay
Pratim Biswas
Lucy and Stanley Lopata Professor and Chair, Department of Energy, Environmental & Chemical Engineering, School of Engineering & Applied Science; Director, McDonnell Academy Global Energy & Environment Partnership (MAGEEP); Assistant Vice Chancellor for International Affairs–India

University of Indonesia
John R. Bowen
Dunbar-Van Cleve Professor and Professor of Sociocultural Anthropology, Arts & Sciences

The University of Melbourne & The University of Queensland
Graham A. Colditz
Niess-Gain Professor; Chief, Division of Public Health Sciences, School of Medicine; Deputy Director, Institute for Public Health; Associate Director of Prevention and Control, Siteman Cancer Center

Xi'an Jiaotong University
Guy Genin
Professor, Department of Mechanical Engineering & Materials Science, School of Engineering & Applied Science; Professor, Department of Neurological Surgery, School of Medicine; Yangtze River Chaired Professor, Xi'an Jiaotong University

Hong Kong University of Science and Technology
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Walter E. Browne Professor of Environmental Engineering, Department of Energy, Environmental & Chemical Engineering, School of Engineering & Applied Science

Fudan University
Shenyang Guo
Frank J. Bruno Distinguished Professor of Social Work Research, Brown School; Assistant Vice Chancellor for International Affairs–Greater China; Yangtze River Chaired Professor, Xi'an Jiaotong University

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China Agricultural University
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Howard Hughes Medical Institute Professor, Department of Biology, Arts & Sciences

Tsinghua University
Tao Ju
Vice Dean for Research and Professor, School of Engineering & Applied Science

Seoul National University
Young-Shin Jun
Harold D. Jolley Career Development Associate Professor of Energy, Environmental & Chemical Engineering, School of Engineering & Applied Science

Interdisciplinary Center Herzliya
Ohad Kadan
Professor of Finance, Olin Business School

U.S. Scholar Program
Tristram R. Kidder
Edward S. and Tedi Macias Professor and Chair, Department of Anthropology, Arts & Sciences

Budapest University of Technology & Economics
Sándor J. Kovács, Jr.
Professor of Medicine, Adjunct Professor of Physics, Adjunct Professor of Biomedical Engineering; Director, Cardiovascular Biophysics Laboratory, School of Medicine

Yonsei University
Jin-Moo Lee
Professor of Neurology; Director, Cerebrovascular Disease Section, Neurology, School of Medicine

Chulalongkorn University
Mary M. McKay
Neidorff Family and Centene Corporation Dean, Brown School

University of Hong Kong
Nancy Morrow-Howell
Bettie Bofinger Brown Distinguished Professor of Social Policy, Brown School; Director, Harvey A. Friedman Center for Aging, Institute for Public Health

Jawaharlal Nehru University
Himadri Pakrasi
Myron and Sonya Glassberg/Albert and Blanche Greensfelder Distinguished University Professor, Department of Biology, Arts & Sciences; Professor of Energy and Director of InCEES, School of Engineering & Applied Science

"The McDonnell International Scholars Academy is Washington University's premier initiative in global education and collaboration, bringing some of the world's top graduate and professional students to our campus in St. Louis and forging relationships around the world with leading research institutions."

— Chancellor Mark S. Wrighton

State University of Campinas
William G. Powderly
J. William Campbell Professor of Medicine and Co-Director of the Division of Infectious Diseases, School of Medicine; Larry J. Shapiro Director, Institute for Public Health

Tecnológico de Monterrey
Guillermo Rosas
Associate Professor, Department of Political Science, Arts & Sciences

Technion-Israel Institute of Technology
Yoram Rudy
Fred Saigh Distinguished Professor of Engineering; Director, Cardiac Bioelectricity and Arrhythmia Center, School of Engineering & Applied Science

Peking University
Barbara Schaal
Mary-Dell Chilton Distinguished Professor, Department of Biology, Arts & Sciences; Dean, Faculty of Arts & Sciences

Keio University & University of Tokyo
Larry J. Shapiro
Dean Emeritus, School of Medicine

National University of Singapore
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George Warren Brown Distinguished University Professor; Director, Center for Social Development, Brown School

Korea University
Yongseok Shin
Professor, Associate Chair, PhD Placement Director, Department of Economics, Arts & Sciences

University of Chile
Elzbieta Sklodowska
Randolph Family Professor of Spanish, Romance Languages & Literatures, Arts & Sciences

Tata Institute of Social Sciences
Jean-Francois Trani
Associate Professor, Brown School

The Chinese University of Hong Kong
Ping Wang
Seigle Family Professor, Department of Economics, Arts & Sciences

Utrecht University
Melissa A. Waters
Professor of Law, School of Law

Boğaziçi University & Middle East Technical University
Hayrettin Yücesoy
Associate Professor of Arabic and Islamic Studies, Associate Professor of International and Area Studies, Associate Professor of History, Arts & Sciences

Ambassador at Large for School of Engineering & Applied Science
Dedric Carter
Professor of Practice, School of Engineering & Applied Science; Vice Chancellor for Operations and Technology Transfer

Ambassador Emeritus
James T. Little
Donald Danforth, Jr. Distinguished Professor Emeritus of Business, Olin Business School

GLOBAL INITIATIVES

MAY 2007
Washington University in St. Louis

1ST INTERNATIONAL SYMPOSIUM ON ENERGY & ENVIRONMENT

Founded
McDonnell Academy Global Energy & Environment Partnership (MAGEEP)

MAGEEP supports the development of innovative ideas in collaborative education and a wide range of research activities in energy and environment areas.

Founded
International Center for Advanced Renewable Energy and Sustainability (I-CARES)

This center conducts research on biofuels from plant and microbial systems and explores sustainable alternative energy and environmental systems and practices.

The center was renamed in 2017 to reflect an increased commitment to energy and environment efforts at the university: International Center for Energy, Environment and Sustainability (InCEES)

DECEMBER 2008
Hong Kong

2ND INTERNATIONAL SYMPOSIUM ON ENERGY & ENVIRONMENT

Founded
Consortium for Clean Coal Utilization (CCCU)

Conducts research in advanced coal and carbon capture technologies. The goal of the consortium is to foster the utilization of coal as a safe and affordable source of energy, and as a chemical feedstock, with minimal impact on the environment.

Funded
14 MAGEEP-collaborative projects

OCTOBER 2010
Washington University in St. Louis

3RD INTERNATIONAL SYMPOSIUM ON GLOBAL ENERGY FUTURE



Dedication
Dedication of Stephen F. and Camilla T. Brauer Hall — Danforth Campus

Released
Global Energy Future Study Report

Funded
11 MAGEEP-collaborative project

Funded
8 CCCU-collaborative projects

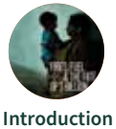
DECEMBER 2012
Mumbai, India

4TH INTERNATIONAL SYMPOSIUM ON ENERGY & ENVIRONMENT:
Abundant Clean Cost-Effective Energy Systems for Sustainability (ACCESS)

Launched
Solar Energy Research Institute for India and the United States (SERIIUS)

Funded
14 MAGEEP-collaborative projects

Funded
5 CCCU-collaborative projects



Introduction
***Fires, Fuel, and the Fate of 3 Billion: The State of the Energy Impoverished* by Gautam Yadama**

OCTOBER 2014
Washington University in St. Louis

5TH INTERNATIONAL SYMPOSIUM:
The Role of Research Universities in Addressing Global Challenges

Population Aging
- Increased: Cross national collaborative connections
- Funded: 10 Friedman Center for Aging collaborations

Food, Water and Climate Change

Re-established: Interdisciplinary Environmental Studies Program

Energy and Environment
- MAGEEP Education Network
- Solar Energy Research Institute for India and U.S. (SERIIUS) — Linking to a MAGEEP Visiting Scholar Program
- Launched: Solar Energy and Energy Storage (SEES) Initiative and World Access To The Sun (WATTS) Program
- Launched: CCCU Phase II and U.S.–China Clean Energy Center
- Established: Center for Aerosol Science and Engineering (CASE)

Public Health
- Established: New collaborations with faculty from University of Melbourne addressing life course epidemiology and cancer risks in men and women.

SEPTEMBER 2016
Brisbane, Australia

6TH INTERNATIONAL SYMPOSIUM:
Addressing Global Challenges through International Collaboration in Education and Research

Population Aging and Global Public Health

Food, Water, and Sustainability

Energy and Environment

Student Initiatives
3MT® Competition

Keynote Speakers

Dennis Muilenburg,
Chairman, President and CEO, The Boeing Company

Glenys Beauchamp,
Secretary, Department of Industry, Innovation and Science, Australian Government

Ernest Aryeetey,
Secretary General, African Research Universities Alliance, Vice Chancellor Emeritus, University of Ghana

OCTOBER 2018
Beijing, China

7TH INTERNATIONAL SYMPOSIUM:
Global Challenges for Today's Research Universities: Health, Energy & Environment, and Agriculture

Population Aging and Global Public Health

Food, Water, and Sustainability

Energy and Environment

Student Initiatives
3MT® Competition

SOLIDIFYING THE PARTNERSHIP

Our partners are a select group of premier research universities from around the world. Universities that become partners in the Academy are committed to excellence in education and research, and to the importance of international collaboration. In turn, Washington University is committed to having at least one Scholar from each University Partner in residence at all times.

Accra
University of Ghana

Ankara
Middle East Technical University

Bangkok
Chulalongkorn University

Beijing
China Agricultural University
Peking University
Tsinghua University

Brisbane
The University of Queensland

Budapest
Budapest University of Technology and Economics

Campinas
State University of Campinas

Haifa
Technion-Israel Institute of Technology

Herzliya
Interdisciplinary Center Herzliya

Hong Kong
The Chinese University of Hong Kong
Hong Kong University of Science and Technology
University of Hong Kong

Hsinchu City
National Chiao Tung University

Istanbul
Boğaziçi University

Jakarta
University of Indonesia

Melbourne
The University of Melbourne

Monterrey
Tecnológico de Monterrey

Mumbai
Indian Institute of Technology
Tata Institute of Social Sciences

New Delhi
Jawaharlal Nehru University

St. Louis
Washington University in St. Louis

Santiago
University of Chile

Seoul
Korea University
Seoul National University
Yonsei University

Shanghai
Fudan University

Singapore
National University of Singapore

Taipei
National Taiwan University

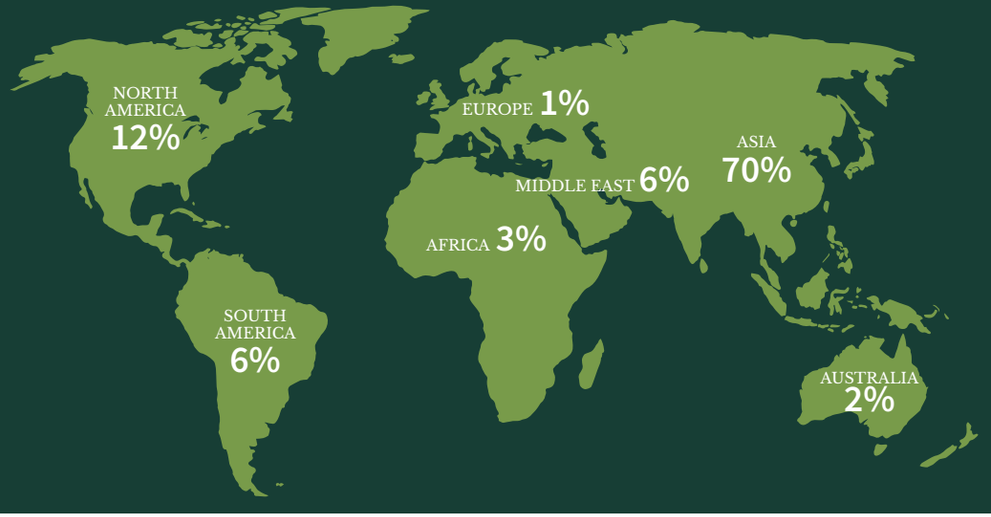
Tokyo
Keio University
University of Tokyo

Utrecht
Utrecht University

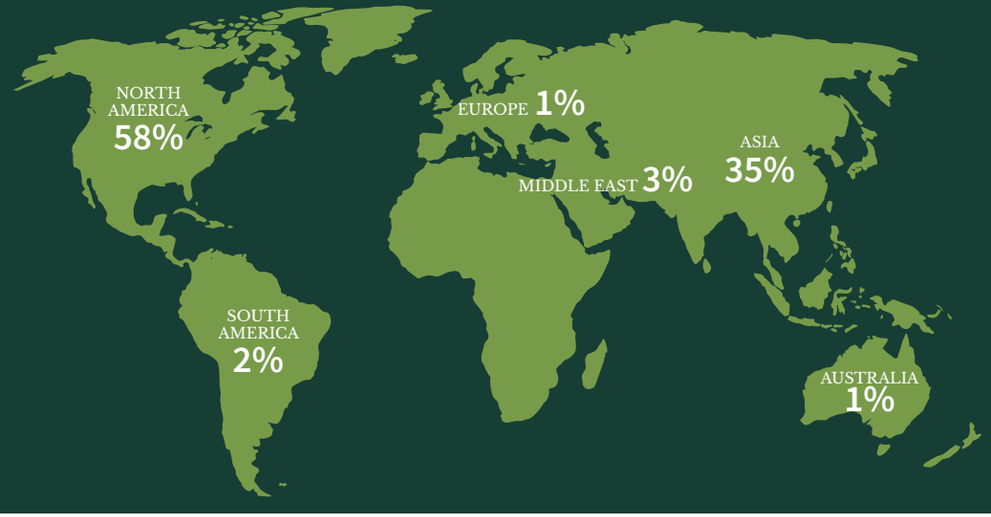
Xi'an
Xi'an Jiaotong University



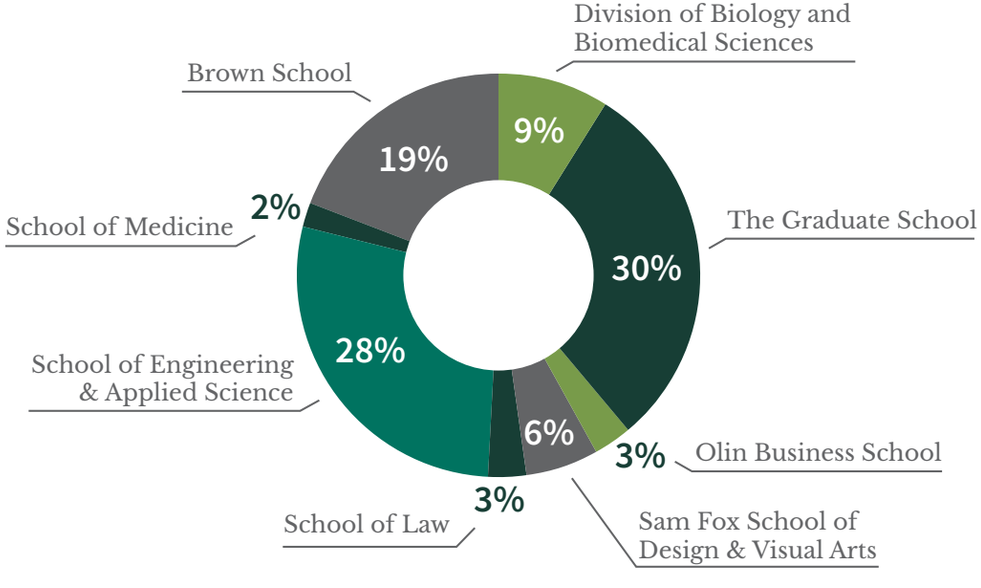
MCDONNELL ACADEMY CURRENT SCHOLARS
WHERE ARE WE FROM?



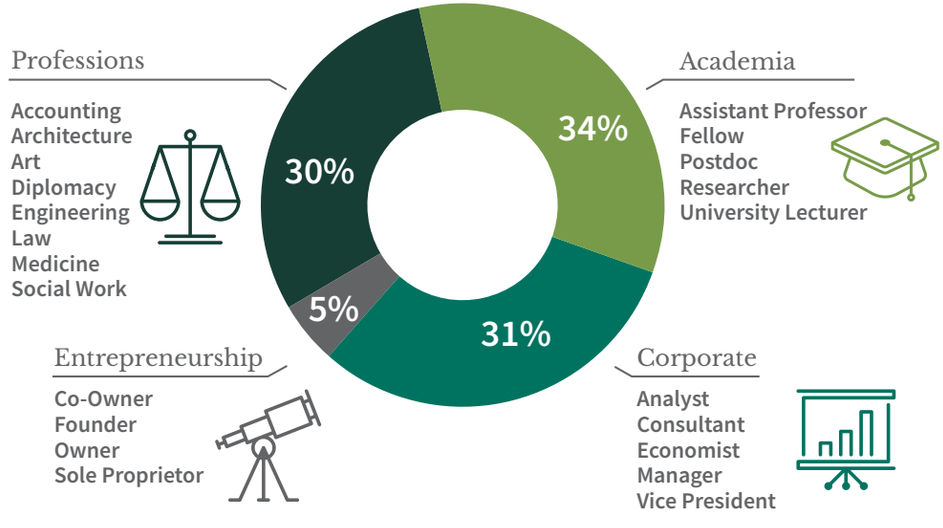
MCDONNELL ACADEMY ALUMNI
WHERE ARE WE WORKING?



SCHOLAR ACADEMIC PATHS



ALUMNI CAREER PATHS





McDonnell Scholars enjoy a St. Louis Cardinals baseball game during an Academy summer event.

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John F. McDonnell

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(S.T. Lee Endowed Lecture Series)

Shinichiro Watari Fellowship
Hong Kong

Taiwan Ministry of Education
Taipei, Taiwan

Lo Fellowship
Hong Kong

Cho-Yee and Patricia To
Ann Arbor, Michigan

TO LEARN MORE ABOUT THE MCDONNELL INTERNATIONAL SCHOLARS ACADEMY AT WASHINGTON UNIVERSITY, PLEASE CONTACT:

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Washington University in St. Louis
Campus Box 1173
One Brookings Drive
St. Louis, Missouri 63130-4899 U.S.A.

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MCDONNELL.WUSTL.EDU

McDONNELL INTERNATIONAL SCHOLARS ACADEMY NETWORK OF PARTNER UNIVERSITIES

Washington University in St. Louis

Accra	University of Ghana
Ankara	Middle East Technical University
Bangkok	Chulalongkorn University
Beijing	China Agricultural University
	Peking University
	Tsinghua University
Brisbane	The University of Queensland
Budapest	Budapest University of Technology and Economics
Campinas	State University of Campinas
Haifa	Technion – Israel Institute of Technology
Herzliya	Interdisciplinary Center Herzliya
Hong Kong	The Chinese University of Hong Kong
	Hong Kong University of Science and Technology
	University of Hong Kong
Hsinchu City	National Chiao Tung University
Istanbul	Boğaziçi University
Jakarta	University of Indonesia
Melbourne	The University of Melbourne
Monterrey	Tecnológico de Monterrey
Mumbai	Indian Institute of Technology Bombay
	Tata Institute of Social Sciences
New Delhi	Jawaharlal Nehru University
Santiago	University of Chile
Seoul	Korea University
	Seoul National University
	Yonsei University
Shanghai	Fudan University
Singapore	National University of Singapore
Taipei	National Taiwan University
Tokyo	Keio University
	University of Tokyo
Utrecht	Utrecht University
Xi'an	Xi'an Jiaotong University