

McDONNELL INTERNATIONAL
SCHOLARS ACADEMY

The Lead Initiative in Washington University's
Globalization Strategy

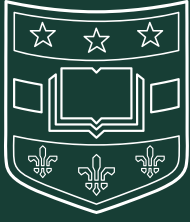


McDONNELL INTERNATIONAL SCHOLARS ACADEMY

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.



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.

“Working with its network of partner universities, the Academy encourages future leaders to form the ties today that will benefit the world tomorrow.”

— James V. Wertsch
Director, McDonnell 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

Daniel Giammar

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

National Chiao Tung University & National Taiwan University

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Professor Emeritus of Biology, Arts & Sciences

China Agricultural University

Joseph Jez

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

Michael W. Sherraden

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

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Tata Institute of Social Sciences

Jean-Francois Trani

Associate Professor, Brown School

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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	DECEMBER 2008 Hong Kong	OCTOBER 2010 Washington University in St. Louis	DECEMBER 2012 Mumbai, India	OCTOBER 2014 Washington University in St. Louis	SEPTEMBER 2016 Brisbane, Australia	OCTOBER 2018 Beijing, China
1ST INTERNATIONAL SYMPOSIUM ON ENERGY & ENVIRONMENT	2ND INTERNATIONAL SYMPOSIUM ON ENERGY & ENVIRONMENT	3RD INTERNATIONAL SYMPOSIUM ON GLOBAL ENERGY FUTURE	4TH INTERNATIONAL SYMPOSIUM ON ENERGY & ENVIRONMENT: Abundant Clean Cost-Effective Energy Systems for Sustainability (ACCESS)	5TH INTERNATIONAL SYMPOSIUM: The Role of Research Universities in Addressing Global Challenges	6TH INTERNATIONAL SYMPOSIUM: Addressing Global Challenges through International Collaboration in Education and Research	7TH INTERNATIONAL SYMPOSIUM: Global Challenges for Today's Research Universities: Health, Energy & Environment, and Agriculture
						
Founded McDonnell Academy Global Energy & Environment Partnership (MAGEEP)	Founded Consortium for Clean Coal Utilization (CCCU)	Dedication Dedication of Stephen F. and Camilla T. Brauer Hall — Danforth Campus	Launched Solar Energy Research Institute for India and the United States (SERIIUS)	Population Aging	Population Aging and Global Public Health	Population Aging and Global Public Health
MAGEEP supports the development of innovative ideas in collaborative education and a wide range of research activities in energy and environment areas.	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.		Released Solar Energy Research Institute for India and the United States (SERIIUS)	<ul style="list-style-type: none"> Increased: Cross national collaborative connections Funded: 10 Friedman Center for Aging collaborations 		
			Funded 14 MAGEEP-collaborative projects		Food, Water, and Sustainability	Food, Water, and Sustainability
Founded International Center for Advanced Renewable Energy and Sustainability (I-CARES)	Funded 14 MAGEEP-collaborative projects	Funded 11 MAGEEP-collaborative project		Food, Water and Climate Change		
This center conducts research on biofuels from plant and microbial systems and explores sustainable alternative energy and environmental systems and practices.			Funded 14 MAGEEP-collaborative projects	Re-established: Interdisciplinary Environmental Studies Program	Energy and Environment	Energy and Environment
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)	Funded 14 MAGEEP-collaborative projects	Funded 11 MAGEEP-collaborative project				
	Funded 8 CCCU-collaborative projects	Funded 8 CCCU-collaborative projects	Funded 5 CCCU-collaborative projects	Energy and Environment	Student Initiatives 3MT® Competition	Student Initiatives 3MT® Competition
				<ul style="list-style-type: none"> 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) 	Keynote Speakers	Keynote Speakers
			Introduction Fires, Fuel, and the Fate of 3 Billion: The State of the Energy Impoverished by Gautam Yadama		Dennis Muilenburg, Chairman, President and CEO, The Boeing Company	Dennis Muilenburg, Chairman, President and CEO, The Boeing Company
				Public Health	Glenys Beauchamp, Secretary, Department of Industry, Innovation and Science, Australian Government	Glenys Beauchamp, Secretary, Department of Industry, Innovation and Science, Australian Government
				<ul style="list-style-type: none"> Established: New collaborations with faculty from University of Melbourne addressing life course epidemiology and cancer risks in men and women. 	Ernest Aryeetey, Secretary General, African Research Universities Alliance, Vice Chancellor Emeritus, University of Ghana	Ernest Aryeetey, Secretary General, African Research Universities Alliance, Vice Chancellor Emeritus, University of Ghana

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

Beijing
China Agricultural University
Peking University

Ankara
Middle East Technical University

Tsinghua University

Bangkok
Chulalongkorn 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

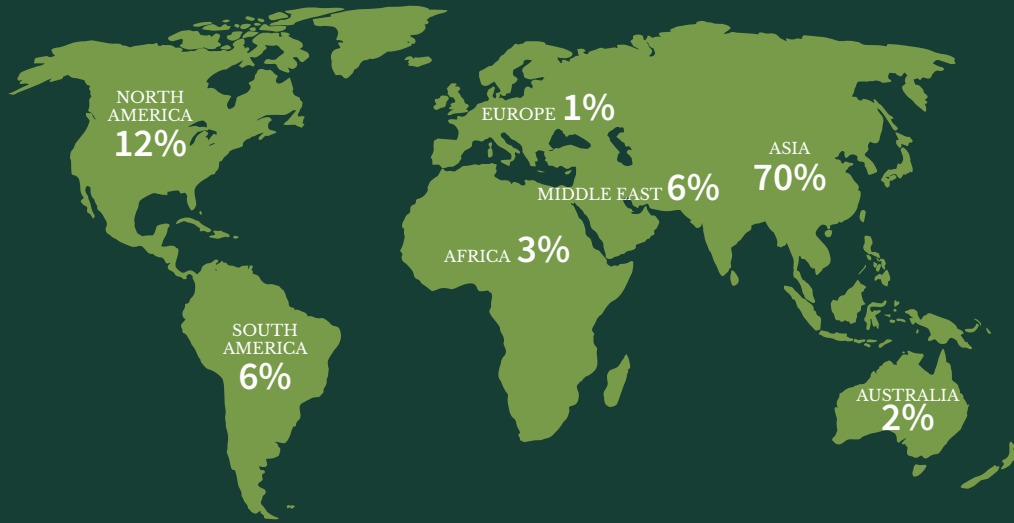
Tokyo
Keio University
University of Tokyo

Utrecht
Utrecht University

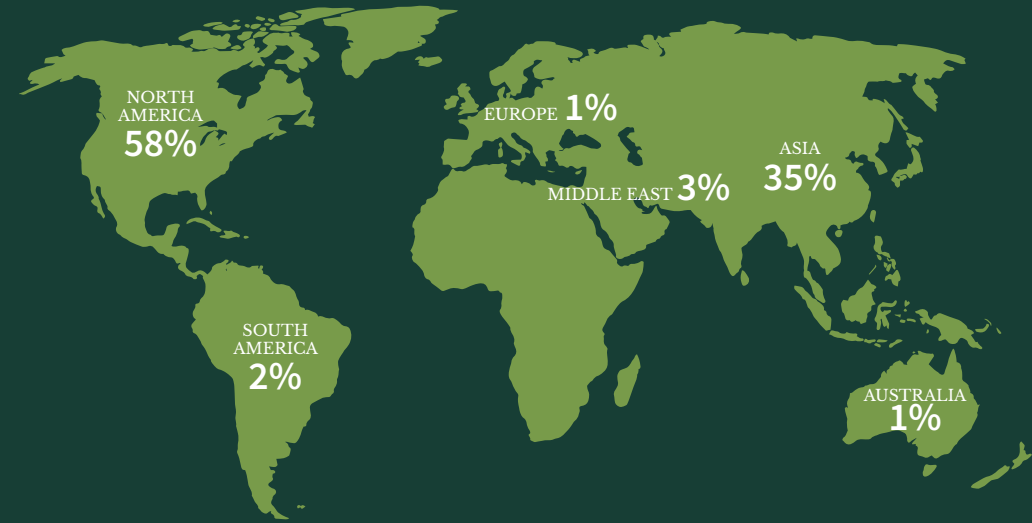
Xi'an
Xi'an Jiaotong University



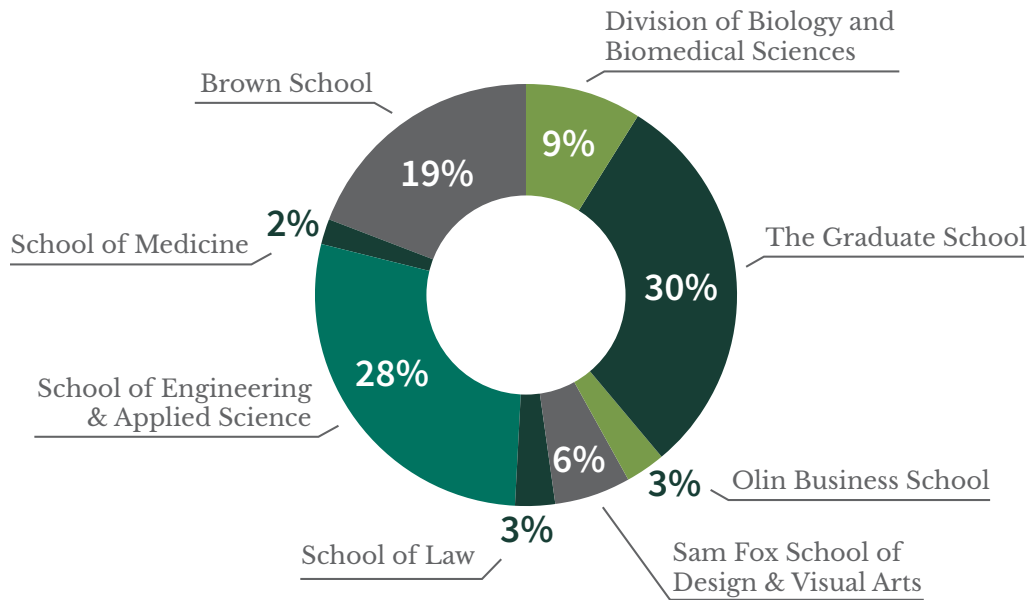
MCDONNELL ACADEMY CURRENT SCHOLARS WHERE ARE WE FROM?



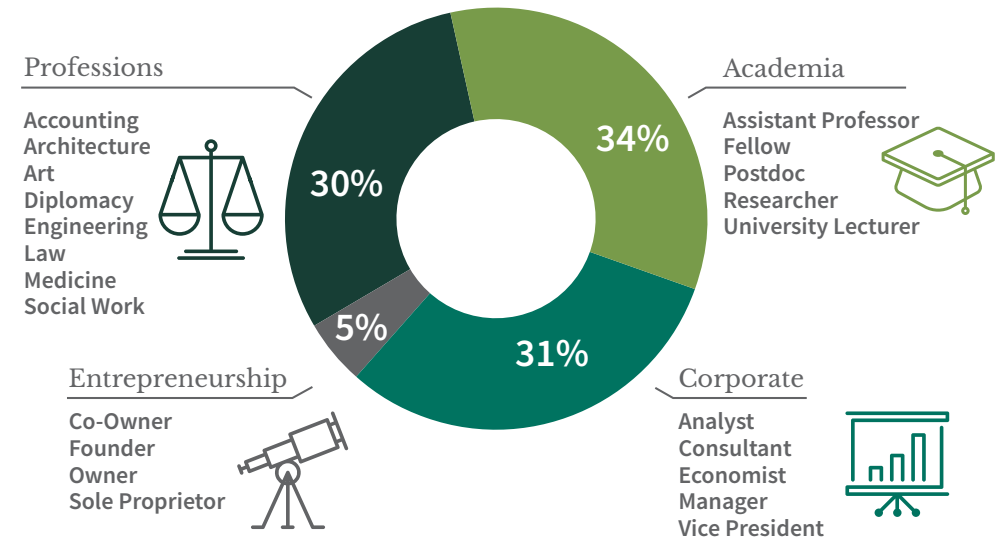
MCDONNELL ACADEMY ALUMNI WHERE ARE WE WORKING?



SCHOLAR ACADEMIC PATHS



ALUMNI CAREER PATHS





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

BENEFACTORS & SPONSORS

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John F. McDonnell

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Lo Fellowship

Hong Kong

Cho-Yee and Patricia To

Ann Arbor, Michigan

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

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McDONNELL INTERNATIONAL SCHOLARS ACADEMY NETWORK OF PARTNER UNIVERSITIES



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