MCDONNELL INTERNATIONAL SCHOLARS ACADEMY
McDONNELL INTERNATIONAL SCHOLARS ACADEMY

The Lead Initiative in Washington University’s Globalization Strategy

ENHANCE OUR LEADERSHIP TODAY TO BENEFIT AMERICA AND THE WORLD TOMORROW
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 with the institutions in the Academy on issues such as energy and sustainability, global public health, and international understanding. The Academy is an incubator for new ideas on global networks in research and education and will pursue additional initiatives in the future.

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

AGING AND PUBLIC HEALTH | AGRICULTURE, FOOD, AND WATER
ARCHITECTURE | BUSINESS | DESIGN | ENGINEERING | INTERNATIONAL RELATIONS
LAW | MEDICINE | SCIENCES | SOCIAL WORK

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
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.
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. Applications are reviewed beginning February 1. More information on the application process can be found 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.
University of Ghana
Jean Allman
J.H. Hexter Professor in the Humanities, Department of History, Arts & Sciences, Director, Center for the Humanities

University of Tokyo
Rajendra S. Apte
Paul A. Cibis Distinguished Professor, Department of Ophthalmology & Visual Science Professor, Department of Developmental Biology, School of Medicine

Indian Institute of Technology Bombay
Pratim Biswas
Lucy and Stanley Lopata Professor and Chair Department of Energy, Environmental & Chemical Engineering, McKelvey School of Engineering; 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 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
Harold and Kathleen Faught Professor of Mechanical Engineering, Department of Mechanical Engineering & Materials Science, McKelvey School of Engineering; 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, McKelvey School of Engineering

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 Taiwan University
Tuan-Hua David Ho
Professor Emeritus, Department of Biology, Arts & Sciences

Keio University
Shin-ichiro Imai
Professor, Department of Developmental Biology, Department of Medicine, School of Medicine

China Agricultural University
Joseph Jez
Howard Hughes Medical Institute Professor and Chair, Department of Biology, Arts & Sciences

Tsinghua University
Tao Ju
Vice Dean for Research and Professor, McKelvey School of Engineering

Seoul National University
Young-Shin Jun
Professor, Department of Energy, Environmental & Chemical Engineering, McKelvey School of Engineering

Interdisciplinary Center Herzliya
Ohad Kadan
H. Frederick Hagemann, Jr. Professor of Finance and Associate Dean for Global Degree Programs, Olin Business School

Budapest University of Technology & Economics
Sándor J. Kovács, Jr.
Professor of Medicine, Adjunct Professor of Physics and 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

National Chiao Tung University
Jr-Shin Li
Professor, Electrical & Systems Engineering, McKelvey School of Engineering

University of Chile
Tabea Linhard
Professor of Spanish and Comparative Literature, Department of Romance Languages & Literatures, Arts & Sciences

The University of Melbourne
Jonathan Losos
William H. Danforth Distinguished Professor, Department of Biology, Arts & Sciences

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

Indian Institute of Technology Delhi & Jawaharlal Nehru University
Himadri Pakrasi
Myron and Sonya Glassberg/Albert and Blanche Greensfelder Distinguished University Professor, Department of Biology, Arts & Sciences; Director of International Center for Energy, Environment, and Sustainability (IrCEES)

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

Technion-Israel Institute of Technology
Yoram Rudy
Fred Sahg Distinguished Professor of Engineering; Director, Cardiac Bioelectricity and Arrhythmia Center (CBAC), McKelvey School of Engineering

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

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

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

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

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

State University of Campinas
James V. Wertsch
David R. Francis Distinguished Professor; Professor of Sociocultural Anthropology, Arts & Sciences; Director Emeritus, McDonnell International Scholars Academy

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
Dedric Carter
Vice Chancellor for Operations and Technology Transfer; Professor of Practice, McKelvey School of Engineering

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

“...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
## GLOBAL INITIATIVES

<table>
<thead>
<tr>
<th>MAY 2007</th>
<th>Washington University in St. Louis</th>
<th>1ST INTERNATIONAL SYMPOSIUM ON ENERGY &amp; ENVIRONMENT</th>
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</thead>
<tbody>
<tr>
<td><strong>Founded</strong></td>
<td>McDonnell Academy Global Energy &amp; Environment Partnership (MAGEEP)</td>
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<tr>
<td>MAGEEP supports the development of innovative ideas in collaborative education and a wide range of research activities in energy and environment areas.</td>
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<tr>
<td><strong>Founded</strong></td>
<td>International Center for Advanced Renewable Energy and Sustainability (I-CARES)</td>
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<tr>
<td>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)</td>
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<thead>
<tr>
<th>DECEMBER 2008</th>
<th>Hong Kong</th>
<th>2ND INTERNATIONAL SYMPOSIUM ON ENERGY &amp; ENVIRONMENT</th>
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</thead>
<tbody>
<tr>
<td><strong>Founded</strong></td>
<td>Consortium for Clean Coal Utilization (CCCU)</td>
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<tr>
<td>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.</td>
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<tr>
<th>OCTOBER 2010</th>
<th>Washington University in St. Louis</th>
<th>3RD INTERNATIONAL SYMPOSIUM ON GLOBAL ENERGY FUTURE</th>
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<tbody>
<tr>
<td><strong>Dedication</strong></td>
<td>Dedication of Stephen F. and Camilla T. Brauer Hall — Danforth Campus</td>
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<tr>
<td>Released</td>
<td>Global Energy Future Study Report</td>
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<tr>
<th>DECEMBER 2012</th>
<th>Mumbai, India</th>
<th>4TH INTERNATIONAL SYMPOSIUM ON ENERGY &amp; ENVIRONMENT: Abundant Clean Cost-Effective Energy Systems for Sustainability (ACCESS)</th>
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</thead>
<tbody>
<tr>
<td><strong>Funded</strong></td>
<td>14 MAGEEP-collaborative projects</td>
<td></td>
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<td><strong>Funded</strong></td>
<td>11 MAGEEP-collaborative project</td>
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<tr>
<td><strong>Funded</strong></td>
<td>5 CCCU-collaborative projects</td>
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<tr>
<th>OCTOBER 2014</th>
<th>Washington University in St. Louis</th>
<th>5TH INTERNATIONAL SYMPOSIUM: The Role of Research Universities in Addressing Global Challenges</th>
</tr>
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<tbody>
<tr>
<td><strong>Population Aging</strong></td>
<td>Increased: Cross national collaborative connections</td>
<td></td>
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<tr>
<th>SEPTEMBER 2016</th>
<th>Brisbane, Australia</th>
<th>6TH INTERNATIONAL SYMPOSIUM: Addressing Global Challenges through International Collaboration in Education and Research</th>
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<td><strong>Population Aging and Global Public Health</strong></td>
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<tr>
<th>OCTOBER 2018</th>
<th>Beijing, China</th>
<th>7TH INTERNATIONAL SYMPOSIUM: Global Challenges for Today’s Research Universities: Health, Energy &amp; Environment, and Agriculture</th>
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### Student Initiatives

- **3MT® Competition**
- **Keynote Speakers**
  - John P. Holdren, Science Advisor to President Barack Obama
  - Gary S. Calabrese, Senior Vice President, Director, Corning Global Research
  - Carl Casale, Board of Directors, Syngenta

### Public Health

- Established: New collaborations with faculty from University of Melbourne addressing life course epidemiology and cancer risks in men and women.
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
Indian Institute of Technology 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?

NORTH AMERICA 13%
MIDDLE EAST 7%
AFRICA 3%
SOUTH AMERICA 7%
ASIA 68%

MCDONNELL ACADEMY ALUMNI
WHERE ARE WE WORKING?

NORTH AMERICA 61%
MIDDLE EAST 3%
SOUTH AMERICA 2%
EUROPE 2%
ASIA 31%
AUSTRALIA 1%
AFRICA 3%

SCHOLAR ACADEMIC PATHS

School of Medicine 1%
Brown School 19%
School of Engineering & Applied Science 26%
Division of Biology and Biomedical Sciences 12%
The Graduate School 32%

ALUMNI CAREER PATHS

Entrepreneurship/NGOs 8%
Professions 30%
Corporate 26%
Academia 36%

Co-Owner
Founder
Owner
Sole Proprietor

Analyst
Consultant
Economist
Manager
Vice President

Assistant Professor
Fellow
Postdoc
Researchers
University Lecturer

Accounting
Architecture
Diplomacy
Engineering
Law
Medicine
Social Work

Entrepreneur
NGO
Co-Owner
Founder
Owner
Sole Proprietor
Founding Benefactor

John F. McDonnell

Corporate Sponsors

Bayer CropScience
St. Louis, Missouri

Boeing
St. Louis, Missouri

China Risan Group (Hong Kong) Ltd.
Beijing, China

Corning Incorporated
Corning, New York

FILA Korea
Seoul, South Korea

Mallinckrodt
St. Louis, Missouri

Mirae Asset
Seoul, South Korea

Nestle Purina
PetCare Company
St. Louis, Missouri

Foundation and Individual Sponsors

Cabot Corporation Foundation
Boston, Massachusetts
(Cabot-Zhang Endowed Lecture Series)

Lee Foundation
Singapore
(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:

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

Telephone (314) 935-6779
Fax (314) 935-6767
Email mcdonnell@wustl.edu
Web mcdonnell.wustl.edu
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