Working together to create a BRIGHTER WORLD
The **McMaster Model for Global Engagement**

McMaster’s values-based internationalization strategy is anchored on principles of global social responsibility. We aim to contribute to creating a brighter world through collaborative international partnerships that address global challenges. Our approach centres on building mutually beneficial relationships founded on trust, equity, sustainability and reciprocity.

Bonny Ibhawoh, Vice-Provost, International Affairs
McMaster University

Our principles of global engagement:

- **INTEGRITY**
- **RECIPROCITY**
- **REFLEXIVITY**
- **SUSTAINABILITY**
- **TRANSFORMATION**

McMaster’s model of transformation focuses on mutual cooperation, the sharing of expertise and a deep commitment to the values of global citizenship.

**About McMaster’s Office of International Affairs:**

The Office of International Affairs is an initial contact point if you represent a university, governmental or international organization outside of Canada interested in establishing a formal agreement relating to: Student Exchange, Student Mobility, Research Internship, Cotutelle/Co-Supervision, Faculty Exchange, Pathways Programs, Short-term Training, Virtual Exchange/COIL, Research Collaboration, or other types of Strategic Partnerships.
McMASTER by the numbers:

- **32,174** UNDERGRADUATE students
- **5,363** GRADUATE students
- **992** Full-time FACULTY
- **SIX** FACULTIES
- **25** Direct entry PROGRAMS
- **229,286** ALUMNI from **147** countries
- **17.5%** of all McMaster students are INTERNATIONAL STUDENTS from **125** countries
- **86** Canada Research CHAIRS
- **13** Endowed PROFESSORSHIPS
- **111** ENDOWED chairs
- **$374.6 million** total sponsored research income
- Average RESEARCH INCOME
  - **$74,200** per graduate student
  - **$419,000** per faculty member
- **$374.6 million** total sponsored research income
McMASTER’S AREAS OF STUDY

DeGroote School of Business
Committed to interdisciplinary research and the advancement of knowledge across management disciplines, the DeGroote School of Business is training the next generation of leaders by ensuring research is driven by issues relevant to society.

Engineering
With a well-established reputation as one of Canada’s most research-intensive faculties, McMaster Engineering is pushing the boundaries of discovery and exploring novel, ground-breaking technologies.

Health Sciences
As the birthplace of problem-based learning and evidence-based medicine, the Faculty of Health Sciences at McMaster is a world-renowned program with a storied history of creating leaders in health, research and industry.

Humanities
As a research-focused and student-centered faculty, McMaster Humanities brings artistic, historical, critical and philosophical reflection to bear on culture and the communities in which we work and live.

Science
Research excellence and discovery are at the heart of McMaster’s Faculty of Science, an innovative, collaborative and interdisciplinary faculty committed to pushing the boundaries of knowledge and training the next generation of researchers.

Social Sciences
Home to some of the world’s most accomplished researchers, McMaster’s Faculty of Social Sciences is on a mission to ask challenging questions, pursue understanding and create a sustainable, just society.
Working together to train future leaders

Collaborating on out-of-this-world learning experiences

Over the course of eight years, more than 150 McMaster students and researchers built a satellite designed to measure harmful radiation and make space travel safer. And with the help of NASA, SpaceX and the Canadian Space Agency, they launched it into space this spring.

Angela Tollis, McMaster student
Andrei Hanu, Adjunct Assistant Professor, Physics and Astronomy
Taren Ginter, McMaster graduate

Business professor Benson Honig co-created the Reframery, a virtual incubator that provides entrepreneurial training to multigenerational refugees and marginalized individuals around the world.

Bonny Ibhawoh is the principal investigator for Participedia.net, a global network and crowdsourcing platform for anyone interested in public participation and democratic innovations.

In partnership with Virtualware, McMaster Engineering students are leveraging virtual reality tech to push educational boundaries and improve accessibility in mass transit systems.
Experts from the McMaster Nuclear Reactor are working with a team of researchers from the Technical University of Munich to tackle the future of clean energy together.

Energy experts James Cotton and Jeffrey Girard founded HARvEST, a startup aiming to decarbonize the food industry with their fuel-less, carbon-free water heating system.

Earth system scientist Alemu Gonsamo and World Wildlife Fund Canada are studying land carbon cycle to help curb biodiversity loss and address climate change.

Ali Emadi, Canada Research Chair in Transportation Electrification and Smart Mobility

Ali Emadi and his team at the McMaster Automotive Resource Centre (MARC) are reimagining the many ways we move and developing more efficient electric vehicles. Along with industry partners Cubic Transportation Systems, they are also developing better infrastructure to shape the future of smart, inclusive mobility.

Teaming up to create a sustainable world
Partnering to create a healthy world

Teaming up to discover new antibiotics

Antibiotic resistance is responsible for more than 1.2 million deaths per year. Working alongside researchers from Massachusetts Institute of Technology, Jon Stokes and his students used artificial intelligence to discover a new antibiotic capable of fighting drug-resistant bacteria.

Gary Liu, graduate student

Jon Stokes, Assistant Professor, Biochemistry & Biomedical Sciences

Denise Catacutan, graduate student

The McMaster Health Forum uses the best-available research evidence, as well as lived experiences and insights, to tackle the most pressing health and social issues of our time.

McMaster’s Global Nexus School for Pandemics Prevention & Response is an international innovation hub that is working on evidence-based solutions to infectious diseases that people can trust.

McMaster pediatrics researcher Narendra Singh is helping transform maternal and neonatal care in his native Guyana through his organization Giving Health to Kids.
Creating a brighter world together

At McMaster, we’re finding solutions to the biggest threats our world faces. But we can’t do it alone. That’s why our experts are partnering with researchers and institutions around the world to meet the challenges the world faces with optimism, hope and resilience. Because the discoveries we make today can build a brighter world for tomorrow.

David Farrar, President and Vice-Chancellor, McMaster University

1st in North America for SDG 3: Good Health and Well-being

12th in the world for SDG 1: No Poverty

Top 40 in the world for Clinical and Health

3 Nobel Laureates from McMaster

Learn more about McMaster’s global impact.

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International Affairs

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