

Working together  
to create a

**Brighter  
World**



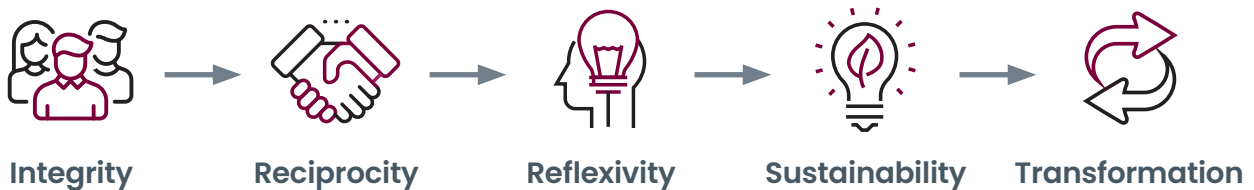
# The McMaster Model for Global Engagement



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:



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

**6**

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

# 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.

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## 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.

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## 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.

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## 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.

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## 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.

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## 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.



Learn more about the  
faculties that make up  
McMaster University.

95% of students participate in experiential learning

# Working together to train future leaders



## Thinking smaller to tackle big problems

Nuclear expert **David Novog** leads the Small Modular Reactor Training program at the McMaster Nuclear Reactor, offering a new generation of nuclear science innovators experiential training to meet the world's rapidly increasing power needs.



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.



With the help of NASA, SpaceX and the Canadian Space Agency, more than **150 McMaster students and researchers** built a satellite to make space travel safer.

Ranked among the top 100 universities  
(ShanghaiRanking's Academic Ranking of World Universities 2023)

# Teaming up to create a sustainable world



## Using remote sensing to fight climate change

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



Co-led by McMaster's **Gail Krantzberg**, a new global centre for climate change aims to address complex international water crises.



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.



**Ali Emadi** and his team at MARC are reimagining the way we move to shape the future of smart, inclusive mobility.

# 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.



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



McMaster University  
Hamilton, Ontario, Canada

Learn more  
about McMaster's  
global impact.



International  
Affairs

**Contact Info:**  
oia@mcmaster.ca  
global.mcmaster.ca